FC Fancy Color Research Foundation
RF

DIAMOND DIARY REPORT©

DIARY Report #DD1751215206610

Jun 29th 2025

Dynamic Version

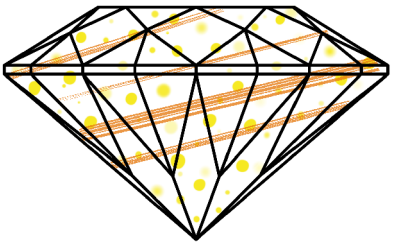
GIA SUMMARY

Carat Weight	Clarity Grade	Fluorescence
0.50 carat	SI1	Faint
Color Grade	**Measurements**	**GIA No.**
Fancy Deep Orange...	6.51 x 4.19 x 2.76 mm	5221527864
Shape & Cutting	**Origin**	
Pear	Not Specified	



THE CAUSE OF COLOR IN YOUR ORANGE YELLOW DIAMOND

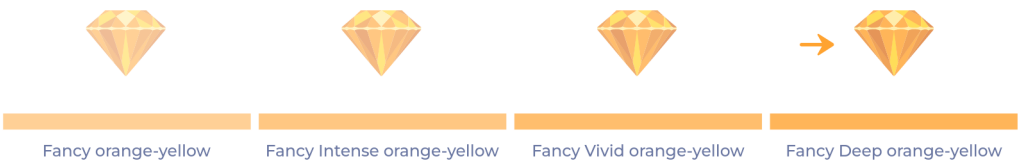
The **Orange and Yellow** hues of this 0.50 carat diamond attest to the presence of nitrogen atoms that absorb blue light and create a yellow hue, combined with red luminescence. Diamonds with orange and yellow appearance have a distinctive atomic structure that results from immense pressure that deformed their crystal lattice and led to the absorption of a broad range of colors, including purple, blue and green.



A WORD ABOUT THE SATURATION OF YOUR DIAMOND

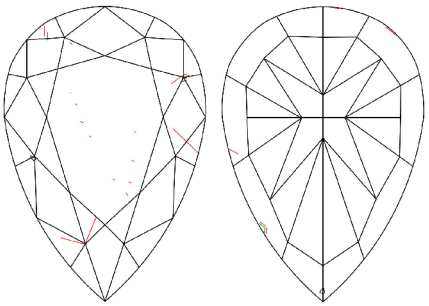
The **"Deep"** grade exhibits an extremely saturated color with a darker tone. This grade represents only **3%** of all Orange Yellow diamonds. Fancy "Deep" Orange Yellow diamonds give a profound color sensation.

There are Four available saturation levels in Yellow color diamonds, Fancy Deep being the Fourth most saturated. Fancy Deep is as saturated as Vivid; however, it presents a darker tone.



THE FUNDAMENTALS OF THIS DIAMOND'S SHAPE

This **Pear** -shape's pavilion was modified from a brilliant facet alignment to optimize color retention, hence the name of this shape. Only **18%** from all Orange Yellow fancy color diamonds are polished as a Pear shape.



TRUE FACE-UP

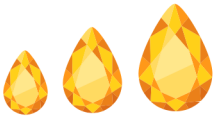
The carat weight and physical size of a diamond are important factors in determining its value. However, when it comes to fancy colored diamonds, there is a tendency to prioritize other visual elements over their size, and as a result, the surface area of the face-up view is not always given high priority. Diamonds that appear slightly smaller are considered to be within the norm. However, diamonds that appear larger in relation to their weight will receive a premium.
* The data in this section pertains to the relationship between your diamond's face-up dimensions and the average face-up dimensions for relevant weight categories.

The Face-up of this 0.5 carat Pear is equivalent to that of a **0.52 - 0.53** carat which is **~5.0% larger** than the average Pear shape in this weight.
Large face-up commands a Premium



LEARN HOW UNIQUE IS THE WEIGHT OF A 0.50 CARAT IN ORANGE YELLOW DIAMONDS

21.2% Of all Fancy Deep Orange Yellow diamonds are smaller than yours



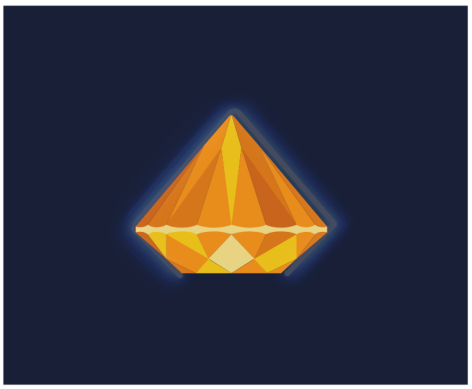
THE SI1 CLARITY IN THIS FANCY DEEP ORANGE YELLOW DIAMOND

The impact of the **SI1** clarity, in a Fancy Deep Orange Yellow, Pear cut, is negligible compared to colorless diamonds especially when it is not visible to the naked eye. The SI1 clarity grade represents 12% of all Fancy Deep Orange Yellow diamonds in the 0.50 - 0.69 carat weight category.

F/IF	VVS	VS	SI1	SI2	I
Flawless / Internally flawlesss	Very Very Slightly Included	Very Slightly Included	Slightly Included	Slightly Included	Inclusion or Pique

THE FAINT BLUE FLUORESCENT IN THIS DIAMOND

Fluorescence refers to the emission of visible light when a diamond is exposed to UV light. The fluorescence in this diamond is caused by the presence of trace elements within the lattice of the diamond. When a diamond is exposed to UV light, these elements absorb the energy from the UV light. They become excited, and as a result, release energy in the form of a Blue glow. The **Faint Blue** fluorescence in this 0.5 carat has no impact on its quality. It is impossible to spot a glow of this **Faint Blue** Fluorescence in the diamond without a special UV light device.



HOW RARE IS THIS 0.50 CARAT?

- Only **1 in ~ 6,000,000** diamonds will have similar characteristics
- A similar diamond enters the market once every **3 To 4 years**



The data on the Fancy Color Diamond Diary© may change from time to time and is not a guarantee or a reflection of the diamond's value. The origin of the diamond is provided solely according to the input of the person for whom the report was produced. The gemological description of the diamond is obtained from the GIA website. To maintain the accuracy and currency of the information, it is advised to periodically update the diary, especially prior to each use. For additional information about the data and other limitations, please contact us at customers@fcresearch.org.

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