

DIARY Report #DD1751910077630

Jul 7th 2025

Dynamic
Version



GIA SUMMARY

Carat Weight

0.51 carat

Clarity Grade

VS2

Fluorescence

Faint

Color Grade

Fancy Yellow

Measurements

6.92 x 3.90 x 2.54 mm

GIA No.

1429544431

Shape & Cutting

Pear

Origin

Not Specified



THE CAUSE OF COLOR IN YOUR YELLOW DIAMOND

The **Yellow** color of your natural 0.51 carat, Fancy Yellow is attributed to a significant concentration of nitrogen atoms within its structure. These atoms absorb blue light, giving the diamond its distinct yellow hue. The intensity of the yellow color increases with the concentration of nitrogen in the diamond. Therefore, a higher concentration of nitrogen results in a more vibrant yellow appearance.



A WORD ABOUT THE SATURATION OF YOUR DIAMOND

The grade '**Fancy**' represents a level with a significant presence of color and accounts for **36%** of all Yellow fancy Color diamonds.

There are Four available saturation levels in Yellow color diamonds, Fancy being the Second most saturated.



Fancy Light yellow

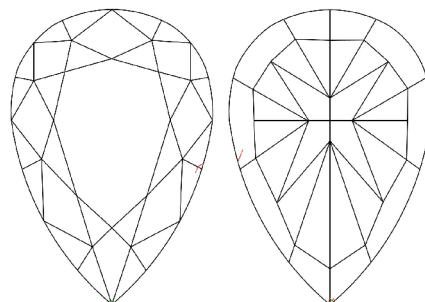
Fancy yellow

Fancy Intense yellow

Fancy Vivid yellow

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 **16%** from all 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.

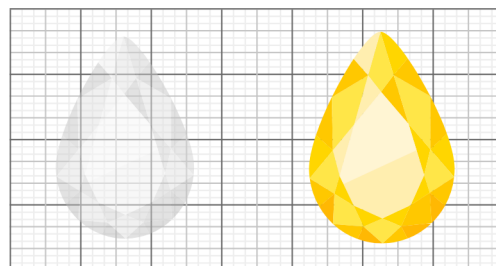
* The data in this section pertains to the relationship between your diamond's face-up dimensions and the average face-up dimensions for relevant weight categories.

The Face-up of this 0.51 carat Pear is equivalent to that of a **0.51 - 0.52** carat which is **~1.3% larger** than the average Pear shape in this weight.

Large face-up commands a Premium

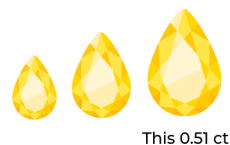
Average face-up for
this weight

Your diamond
6.92mm x 3.9mm



LEARN HOW UNIQUE IS THE WEIGHT OF A 0.51 CARAT IN YELLOW DIAMONDS

14.3% Of all Fancy Yellow diamonds are smaller than yours



THE VS2 CLARITY IN THIS FANCY YELLOW DIAMOND

The **VS** clarity in your Fancy Yellow with Pear shape cut represents only 52% of all Fancy Yellow diamonds in the 0.50 - 0.69 carat weight category.

F/IF Flawless / Internally flawless	VVS Very Very Slightly Included	VS Very Slightly Included	SI1 Slightly Included	SI2 Slightly Included	I Inclusion or Pique
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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 0.51 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 0.51 CARAT?

- Only **1 in ~ 7,000** diamonds will have similar characteristics
- A mere **260 to 330** similar diamonds enter the market yearly



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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