

DIARY Report #DD1751900379972

Jul 7th 2025

Dynamic
Version



GIA SUMMARY

Carat Weight

0.50 carat

Clarity Grade

SI2

Fluorescence

Strong Green

Color Grade

Fancy Deep Yellow

Measurements

5.82 x 4.13 x 2.69 mm

GIA No.

2221696330

Shape & Cutting

Oval

Origin

Not Specified



THE CAUSE OF COLOR IN YOUR YELLOW DIAMOND

The **Yellow** color of your natural 0.50 carat, Fancy Deep 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 **"Deep"** grade exhibits an extremely saturated color with a darker tone. This grade represents only **4%** of all Yellow diamonds. Fancy "Deep" Yellow diamonds give a profound color sensation.

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



Fancy Light yellow

Fancy yellow

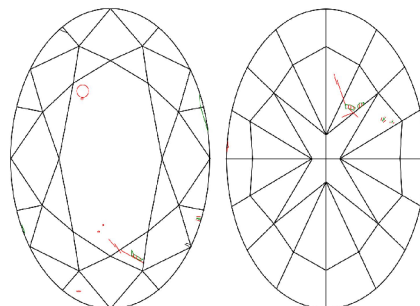
Fancy Intense yellow

Fancy Vivid yellow

Fancy Deep yellow

THE FUNDAMENTALS OF THIS DIAMOND'S SHAPE

The modified **Oval** -cut diamond is an updated version from the classic Oval Brilliant cut. The modified version has the ideal facet alignment for fancy color diamonds and will have a minimum of 59 facets. Only **10%** of all Yellow fancy color diamonds are cut and polished as ovals.



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.

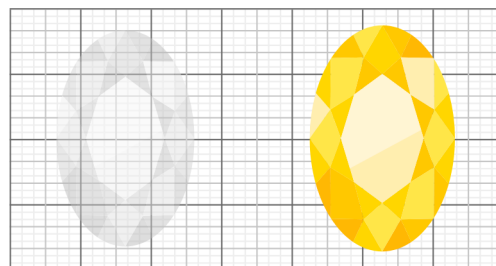
* The data in this section pertains to the relationship between your diamond's face-up dimensions and the average face-up dimensions for relevant weight categories.

The Face-up of this 0.5 carat Oval is equivalent to that of a **0.52 - 0.53** carat which is **~5.1% larger** than the average Oval shape in this weight.

Large face-up commands a Premium

Average face-up for
this weight

Your diamond
5.82mm x 4.13mm



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

14.3% Of all Fancy Deep Yellow diamonds
are smaller than yours



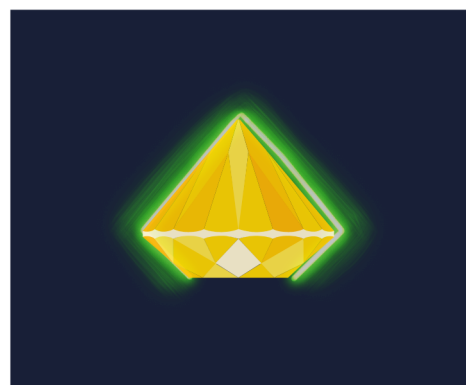
THE SI2 CLARITY IN THIS FANCY DEEP YELLOW DIAMOND

The impact of the **SI2** clarity, in a Fancy Deep Yellow, Oval cut, is negligible compared to colorless diamonds especially when it is not visible to the naked eye. The SI2 clarity grade represents 10% of all Fancy Deep 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 STRONG GREEN FLUORESCENT IN THIS DIAMOND

Fluorescence refers to the emission of visible light when a diamond is exposed to UV light. The fluorescence of 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 energy from the UV light. They become excited, and as a result, release energy in the form of a green glow. **Green fluorescence** reinforces the color of this Yellow diamond and will entail a price premium. The stronger the green fluorescence, the more attractive the diamond will be.



HOW RARE IS THIS 0.50 CARAT?

- Only **1 in ~ 440,000** diamonds will have similar characteristics
- A mere **3 to 6** similar diamonds enter the market yearly

RARITY GRADE
RARE



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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