

DIARY Report #DD1751213543757

Jun 29th 2025

Dynamic
Version



GIA SUMMARY

Carat Weight

0.45 carat

Clarity Grade

S11

Fluorescence

None

Color Grade

Fancy Vivid Yello...

Measurements

4.07 x 4.05 x 2.92 mm

GIA No.

5303202655

Shape & Cutting

Cushion

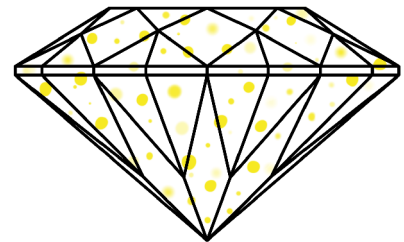
Origin

Not Specified



THE CAUSE OF COLOR IN YOUR YELLOW DIAMOND

The **Yellow** color of your natural 0.45 carat, Fancy Vivid 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 **"Vivid"** grade is situated at the top of the saturation scale and, in most cases, exhibits a sensational, exciting color. "Vivid" Yellow diamonds represent just **9%** of all Yellow fancy color diamonds.

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



Fancy Light yellow



Fancy yellow



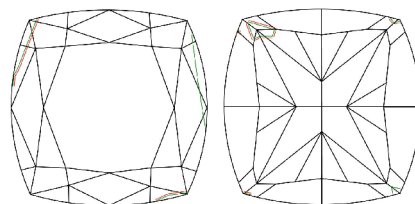
Fancy Intense yellow



Fancy Vivid yellow

THE FUNDAMENTALS OF THIS DIAMOND'S SHAPE

The **Cushion** shape dates back to the early days when diamonds were initially made to decorate crowns of royalty. Today, the Cushion shape is still the most popular jewelry shape, and it is also yields the highest possible weight from rough diamonds. The pavilion on the bottom of your stone has a Starburst facet alignment to reinforce color reflection and brilliance. **53%** from all Yellow fancy color diamonds are polished as Cushion / Radiant.



TRUE FACE-UP

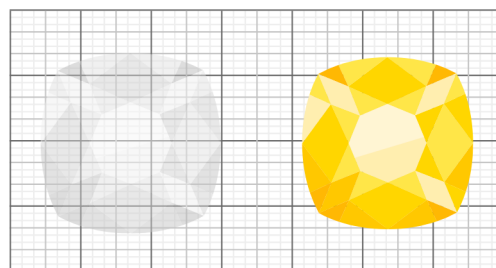
The carat weight and physical size of a diamond are important factors in determining its value. However, when it comes to fancy colored diamonds, there is a tendency to prioritize other visual elements over their size, and as a result, the surface area of the face-up view is not always given high priority. 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 view of this 0.45 ct. is Moderately below standard.

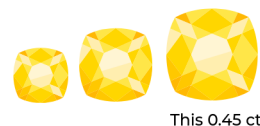
Average face-up for
this weight

Your diamond
4.07mm x 4.05mm



LEARN HOW UNIQUE IS THE WEIGHT OF A 0.45 CARAT IN YELLOW DIAMONDS

4.5% Of all Fancy Vivid Yellow diamonds are smaller than yours



THE SI1 CLARITY IN THIS FANCY VIVID YELLOW DIAMOND

The impact of the **SI1** clarity, in a Fancy Vivid Yellow, Cushion cut, is negligible compared to colorless diamonds especially when it is not visible to the naked eye. The SI1 clarity grade represents 15% of all Fancy Vivid Yellow diamonds in the 0.31 - 0.49 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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HOW RARE IS THIS 0.45 CARAT?

- Only **1 in ~ 53,000** diamonds will have similar characteristics
- A mere **34 to 42** 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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