

DIARY Report #DD1751212244056

Jun 29th 2025

Dynamic
Version



GIA SUMMARY

Carat Weight

0.45 carat

Clarity Grade

VVS2

Fluorescence

None

Color Grade

Fancy Intense Yel...

Measurements

4.10 x 4.04 x 2.87 mm

GIA No.

2195229594

Shape & Cutting

Emerald

Origin

Not Specified



THE CAUSE OF COLOR IN YOUR YELLOW DIAMOND

The **Yellow** color of your natural 0.45 carat, Fancy Intense 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 **"Intense"** is the Third strongest saturation on the scale and represents **18%** of all Yellow diamonds. Those graded as "Intense" Yellow exhibit powerful saturation and convey a strong color sensation.

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



Fancy Light yellow

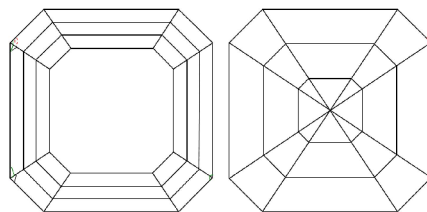
Fancy yellow

Fancy Intense yellow

Fancy Vivid yellow

THE FUNDAMENTALS OF THIS DIAMOND'S SHAPE

The **Emerald** -cut diamond was invented in the first half of the 20th century and is the shape that symbolizes the golden age of the Art Deco artistic style. The Emerald's geometrical shape, fashioned with parallel steps, poses a challenge when trying to bounce light reflection in an attempt to concentrate color. An emerald-cut fancy color diamond with a well-distributed color on the face up view entails a premium. Only **4%** from all Yellow fancy color diamonds are polished as Emerald cut diamonds.



TRUE FACE-UP

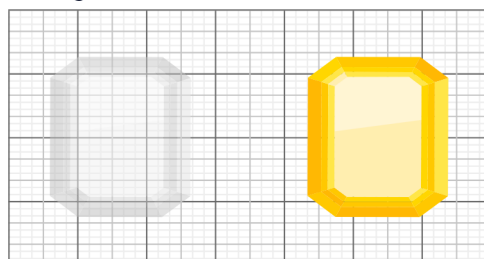
The carat weight and physical size of a diamond are important factors in determining its value. However, when it comes to fancy colored diamonds, there is a tendency to prioritize other visual elements over their size, and as a result, the surface area of the face-up view is not always given high priority.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

Average face-up for
this weight

Your diamond 4.1mm
x 4.04mm



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

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



THE VVS2 CLARITY IN THIS FANCY INTENSE YELLOW DIAMOND

The **VVS** clarity in your Fancy Intense Yellow with the Emerald shape cut, represents only 28% of all Fancy Intense 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	SII Slightly Included	SI2 Slightly Included	I Inclusion or Pique
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HOW RARE IS THIS 0.45 CARAT?

- Only **1 in ~ 89,000** diamonds will have similar characteristics
- A mere **20 to 25** similar diamonds enter the market yearly

RARITY GRADE
EXTRAORDINARY



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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