

DIARY Report #DD1751911081804

Jul 7th 2025

Dynamic
Version



GIA SUMMARY

Carat Weight

0.45 carat

Clarity Grade

VS2

Fluorescence

None

Color Grade

Fancy Vivid Yello...

Measurements

6.67 x 3.91 x 2.42 mm

GIA No.

6204174883

Shape & Cutting

Pear

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

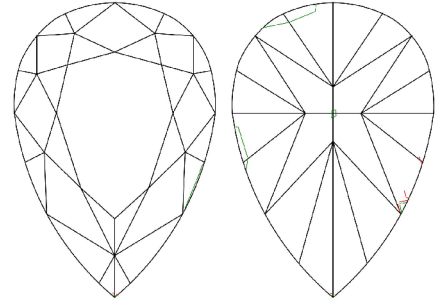
Fancy yellow

Fancy Intense yellow

Fancy Vivid yellow

THE FUNDAMENTALS OF THIS DIAMOND'S SHAPE

The **Pear** brilliant cut diamond is a classic shape that appeared in jewelry as early as the 17th century on nobles and royalty. The facet alignment on the pavilion is inspired by the classic Round brilliant, hence the name of this shape. Only **16%** from all Yellow fancy color diamonds are polished as 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.

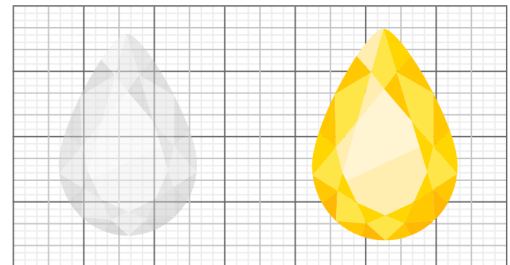
* The data in this section pertains to the relationship between your diamond's face-up dimensions and the average face-up dimensions for relevant weight categories.

The Face-up of this 0.45 carat Pear is equivalent to that of a **0.49 - 0.50** carat which is **~9.1% larger** than the average Pear shape in this weight.

Large face-up commands a Premium

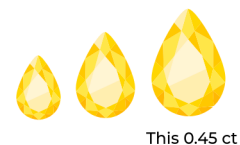
Average face-up for
this weight

Your diamond
6.67mm x 3.91mm



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 VS2 CLARITY IN THIS FANCY VIVID YELLOW DIAMOND

The **VS** clarity in your Fancy Vivid Yellow with Pear shape cut represents only 49% 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
--	--	--	---------------------------------	---------------------------------	--------------------------------

HOW RARE IS THIS 0.45 CARAT?

- Only **1 in ~ 160,000** diamonds will have similar characteristics
- A mere **11 to 14** 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.

Report generated on Jul 7, 25 | Last data update on Jul 1, 2025

Dynamic
Version

