Fancy Color Research Foundation

DIAMOND DIARY REPORT©

DIARY Report #DD1751907862526

Jul 7th 2025

Dynamic Version

GIA SUMMARY

Carat Weight	Clarity Grade	Fluorescence
4.13 carat	VS1	Very Strong Blue
Color Grade	**Measurements**	**GIA No.**
Light Yellow Gree...	13.42 x 9.37 x 5.56 mm	10546163
Shape & Cutting	**Origin**	
Pear	Not Specified	

THE CAUSE OF COLOR IN YOUR YELLOW GREEN DIAMOND

Yellow color in diamonds is attributed to the presence of nitrogen atoms that absorb blue light in the visible spectrum. Green diamonds derive their color from the absorption of red light waves. In your diamond, subterranean radiation exposure altered its atomic structure leading to the absorption of red light by its molecules and the emergence of its distinctive color.



A WORD ABOUT THE SATURATION OF YOUR DIAMOND

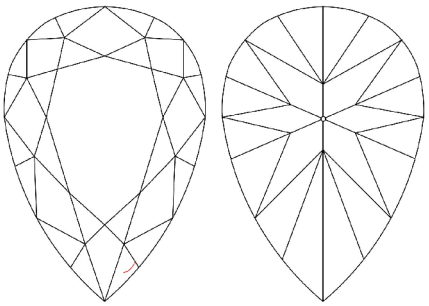
The grade **"Light"** represents **12%** of all Yellow Green color diamonds. Those graded as "Light" Yellow Green exhibit a smooth yet elegant hue

There are Seven available saturation levels in Green color diamonds, Light being the Third most saturated.



THE FUNDAMENTALS OF THIS DIAMOND'S SHAPE

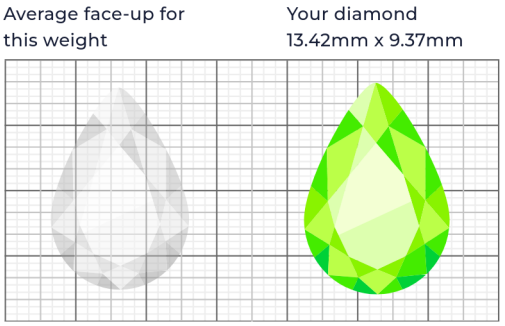
The **Pear** brilliant cut diamond is a classic shape that appeared in jewelry as early as the 17th century on nobles and royalty. The facet alignment on the pavilion is inspired by the classic Round brilliant, hence the name of this shape. Only **21%** from all Yellow Green fancy color diamonds are 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 4.13 carat Pear is equivalent to that of a **5.09 - 5.19** carat which is **~24.4% larger** than the average Pear shape in this weight.
Large face-up commands a Premium



LEARN HOW UNIQUE IS THE WEIGHT OF A 4.13 CARAT IN YELLOW GREEN DIAMONDS

90.0% Of all Light Yellow Green diamonds are smaller than yours



THE VS1 CLARITY IN THIS LIGHT YELLOW GREEN DIAMOND

The **VS** clarity in your Light Yellow Green with Pear shape cut represents only 53% of all Light Yellow Green diamonds in the 4 - 4.99 carat weight category.

F/IF	VVS	VS	SI1	SI2	I
Flawless / Internally flawlesss	Very Very Slightly Included	Very Slightly Included	Slightly Included	Slightly Included	Inclusion or Pique

THE VERY STRONG 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. **Very Strong Blue** fluorescence can affect the translucency or color of this 4.13 carat when exposed to direct sunlight. However, in some cases, the visual effect of the fluorescence will not compromise the diamond's appearance when it is viewed indoors.



HOW RARE IS THIS 4.13 CARAT?

- Only **1 in ~ 3,000,000** diamonds will have similar characteristics
- A similar diamond enters the market once every **1 To 2 years**

RARITY GRADE

EXTREMELY 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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