

DIARY Report #DD1751908122831

Jul 7th 2025

Dynamic
Version



GIA SUMMARY

Carat Weight

0.50 carat

Clarity Grade

SI2

Fluorescence

Medium Yellow

Color Grade

Fancy Vivid Yello...

Measurements

4.60 x 5.24 x 2.92 mm

GIA No.

5166997312

Shape & Cutting

Heart

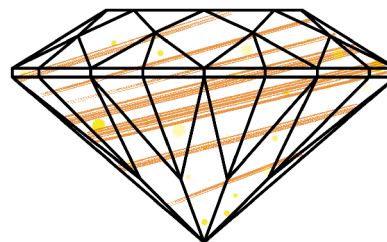
Origin

Not Specified



THE CAUSE OF COLOR IN YOUR YELLOWISH ORANGE DIAMOND

The **Orange and Yellow** hues of this 0.50 carat diamond attest to the presence of nitrogen atoms that absorb blue light and create a yellow hue, combined with red luminescence. Diamonds with orange and yellow appearance have a distinctive atomic structure that results from immense pressure that deformed their crystal lattice and led to the absorption of a broad range of colors, including purple, blue and green.



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" Yellowish Orange diamonds represent just **15%** of all Yellowish Orange fancy color diamonds.

There are Three available saturation levels in Orange color diamonds, Fancy Vivid being the Third most saturated.



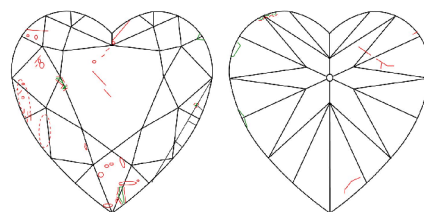
Fancy yellowish-orange

Fancy Intense yellowish-
orange

Fancy Vivid yellowish-orange

THE FUNDAMENTALS OF THIS DIAMOND'S SHAPE

Heart - shaped diamonds can be manufactured only from a particular shape of rough, and only skilled craftsmen can meticulously shape a rough diamond into a perfect figurative icon of love. The facets on the pavilion are inspired by the round brilliant cut, hence the name of this shape. Only **10%** of all Yellowish Orange fancy color diamonds are cut and polished as Heart 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.

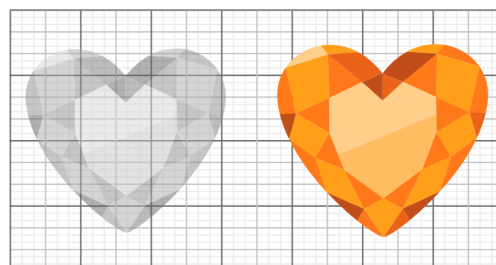
* The data in this section pertains to the relationship between your diamond's face-up dimensions and the average face-up dimensions for relevant weight categories.

The Face-up of this 0.5 carat Heart is equivalent to that of a **0.52 - 0.53** carat which is **~5.2% larger** than the average Heart shape in this weight.

Large face-up commands a Premium

Average face-up for
this weight

Your diamond 4.6mm
x 5.24mm



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

36.9% Of all Fancy Vivid Yellowish Orange diamonds are smaller than yours



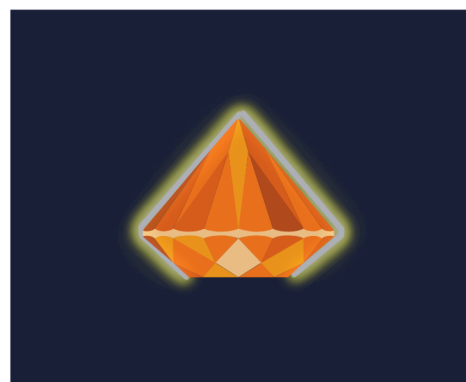
THE SI2 CLARITY IN THIS FANCY VIVID YELLOWISH ORANGE DIAMOND

The impact of the **SI2** clarity, in a Fancy Vivid Yellowish Orange, Heart cut, is negligible compared to colorless diamonds especially when it is not visible to the naked eye. The SI2 clarity grade represents 27% of all Fancy Vivid Yellowish Orange 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 MEDIUM YELLOW 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 yellow glow. **Yellow fluorescence** reinforces the color of this Yellowish Orange diamond and will entail a price premium. The stronger the yellow fluorescence, the more attractive the diamond will be.



HOW RARE IS THIS 0.50 CARAT?

- Only **1 in ~ 4,000,000** diamonds will have similar characteristics
- A similar diamond enters the market once every **2 To 3 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.

