

Converting Colors

YUV(166.6010, 25.8327,
67.8789)

Have a look what the booklet for
YUV(166.6010, 25.8327, 67.8789)
contains.

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Color

**YUV(166.6010, 25.8327,
67.8789)**

Conversions

Conversions Part 1

Format	Color
Hex	F475DB
RGB	244, 117, 219
RGB Percent	96%, 46%, 86%
CMY	0.0431, 0.5412, 0.1412
CMYK	0.00, 0.52, 0.10, 0.04
HSL	312°, 85%, 71%
HSV	312°, 52%, 96%
XYZ	56.4557, 37.0701, 71.1975
YIQ	166.6010, 42.9500, 58.6460

Conversions

Conversions Part 2

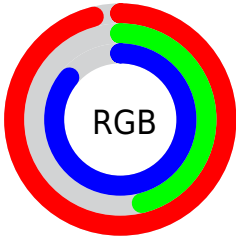
Format	Color
RYB	244, 117, 219
Decimal	16020955
CIELab	67.33, 61.12, -29.92
CIELCh	67, 68.052, 333.917
Yxy	37.0701, 0.3427, 0.2250
Android (android.graphics.Color)	4294211035 (0xFFFF475DB)
YUV	166.6010, 25.8327, 67.8789
Hunter-Lab	60.8853, 58.9645, -26.7124

Details

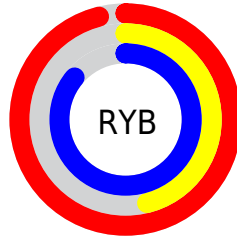
The YUV color **166.6010, 25.8327, 67.8789** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **194.3990, -25.8327, -67.8789**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.8660, 23.7301, 42.2135**, and **109.2310, 27.0011, 66.4494** is the 20% darker color. If you saturate the color by 10%, you get **151.9430, 30.5941, 80.7340**, and if you desaturate by 10%, it is **181.2590, 21.0713, 55.0239**.

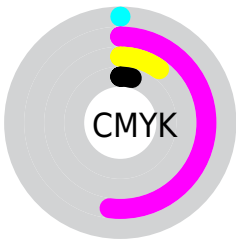
Distribution



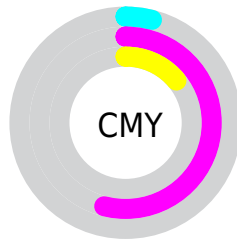
- Red (96%)
- Green (46%)
- Blue (86%)



- Red (96%)
- Yellow (46%)
- Blue (86%)



- Cyan (0%)
- Magenta (52%)
- Yellow (10%)
- Black (4%)





- Cyan (4%)
- Magenta (54%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the YUV color 166.6010, 25.8327, 67.8789 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 166.6010, 25.8327, 67.8789 by changing the saturation by 10% instead.


 166.6010, 25.8327,
67.8789


 166.6010, 25.8327,
67.8789


255.0000, 0.0000,
0.0000


 138.0030, 26.1275,
66.6494


 206.8660, 23.7301,
42.2135


 109.2310, 27.0011,
66.4494


 223.8890, 15.3377,
27.2843

 78.4100, 28.8849,
68.9234

 240.9120, 6.9454,
12.3552

 51.0400, 30.0533,
67.4939

 40.1170, 23.1133,
53.3944

 29.3080, 16.6102,
39.1949

 19.3250, 10.6858,

26.0250

■ 4.4440, 6.6831,
3.1186

■ 0.0000, 0.0000,
0.0000

■ 166.6010, 25.8327,
67.8789

■ 166.6010, 25.8327,
67.8789

■ 151.9430, 30.5941,
80.7340

■ 181.2590, 21.0713,
55.0239

■ 136.6980, 35.6449,
94.1039

■ 196.5040, 16.0205,
41.6540

■ 122.1540, 40.8431,
106.8589

■ 211.0480, 10.8223,
28.8989

■ 106.9090, 45.8939,
120.2288

■ 226.2930, 5.7716,
15.5290

95.3000, 49.6451,
130.4099

240.9510, 1.0102,
2.6740

250.9130, -1.4361,
-6.0627

251.4830, 0.7479,
-6.5626

251.7110, 1.6215,
-6.7625

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



165.9230, 43.9150, 7.9605



166.6010, 25.8327, 67.8789



154.7180, 1.6180, 87.9473

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



166.6010, 25.8327, 67.8789



154.2330, -67.1629, 28.7367



139.0380, 45.3373, -121.9363

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



166.6010, 25.8327, 67.8789



194.3990, -25.8327, -67.8789

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



132.6710, 18.4032, -116.3525



166.6010, 25.8327, 67.8789



148.6640, -47.6554, -21.6303

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



166.6010, 25.8327, 67.8789



159.2160, -54.3365, 68.2166



123.1410, -7.9575, -107.9947



137.0780, 58.1355, -120.2174

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



166.6010, 25.8327, 67.8789



153.6800, -17.5902, 88.8576



123.1410, -7.9575, -107.9947



137.4590, 36.7487, -120.5515

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



166.6010, 25.8327, 67.8789



230.0210, 8.3706, 21.9066



138.3550, 52.0830, 1.4427



112.7550, 5.0508, 13.3699



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



166.6010, 25.8327, 67.8789



158.7200, 32.1830, 84.4376



159.5330, -1.2488, 74.0776



114.7280, 2.5991, 6.3775



72.7140, 38.1020, 99.3518



22.9990, 11.8325, 31.5729

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



166.6010, 25.8327, 67.8789



158.7200, 32.1830, 84.4376



201.4670, 1.2488, -74.0776



114.7280, 2.5991, 6.3775



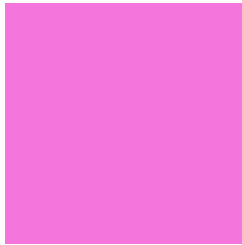
72.7140, 38.1020, 99.3518



22.9990, 11.8325, 31.5729

Previews

White Background



This preview shows how the YUV color 166.6010, 25.8327, 67.8789 looks on a white background.

Color Contrast Check

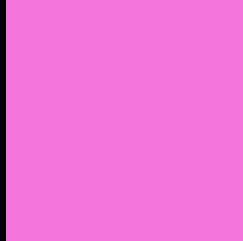
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 166.6010, 25.8327, 67.8789 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

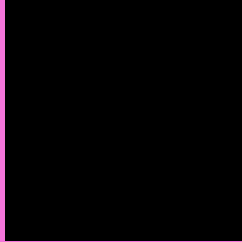
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 166.6010, 25.8327, 67.8789

Background



This preview shows how black text looks on a background with the YUV color 166.6010, 25.8327, 67.8789.



This preview shows how white text looks on a background with the YUV color 166.6010, 25.8327, 67.8789.

67.8789.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

166.6010, 25.8327, 67.8789

Protanopia

162.6320, 45.0444, -27.7413

Deuteranopia

164.9060, 22.7243, -8.6876



Tritanopia

165.6380, -10.6675, 61.7075

Trichromacy



Original Color

166.6010, 25.8327, 67.8789



Protanomaly

164.0170, 37.9526, 7.0011



Deuteranomaly

165.4240, 23.9480, 18.9222



Tritanomaly

166.0910, 2.4201, 63.9412

Monochromacy



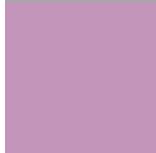
Original Color

166.6010, 25.8327, 67.8789



Achromatopsia

167.0000, 0.0000, 0.0000



Achromatomaly

166.9720, 9.3808, 24.5806

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.6010, 25.8327, 67.8789 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(244, 117, 219)` looks like.

```
.text, #text, p{  
    color:rgb(244, 117, 219)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(244, 117, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 117, 219) }
```

Border

The CSS property to change the border of an element to YUV 166.6010, 25.8327, 67.8789 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(244, 117, 219) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(244, 117, 219) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(244, 117, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 117, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 117, 219);  
box-shadow:4px 4px 4px 4px rgb(244, 117,  
219) }
```

Background

The CSS property to change the background color of an element to YUV 166.6010, 25.8327, 67.8789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 117, 219) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(244,  
117, 219) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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