

Converting Colors

YUV(156.5230, 10.5882,
57.4233)

Have a look what the booklet for
YUV(156.5230, 10.5882, 57.4233)
contains.

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Color

**YUV(156.5230, 10.5882,
57.4233)**

Conversions

Conversions Part 1

Format	Color
Hex	DE77B2
RGB	222, 119, 178
RGB Percent	87%, 47%, 70%
CMY	0.1294, 0.5333, 0.3020
CMYK	0.00, 0.46, 0.20, 0.13
HSL	326°, 61%, 67%
HSV	326°, 46%, 87%
XYZ	44.7569, 31.9376, 45.9251
YIQ	156.5230, 42.4490, 40.1850

Conversions

Conversions Part 2

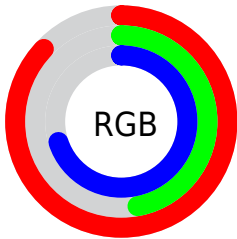
Format	Color
R _Y B	222, 119, 178
Decimal	14579634
CIE Lab	63.29, 47.22, -13.28
CIE LCh	63, 49.054, 344.293
Yxy	31.9376, 0.3650, 0.2605
Android (android.graphics.Color)	4292769714 (0xFFDE77B2)
YUV	156.5230, 10.5882, 57.4233
Hunter-Lab	56.5134, 42.4683, -8.6222

Details

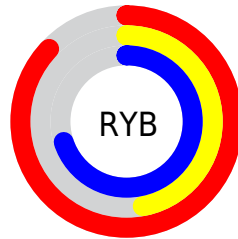
The YUV color **156.5230, 10.5882, 57.4233** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **184.4770, -10.5882, -57.4233**, and the grayscale version is **156.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.0590, 14.2679, 43.7983**, and **102.3270, 11.1778, 54.9642** is the 20% darker color. If you saturate the color by 10%, you get **142.5830, 13.0236, 69.6487**, and if you desaturate by 10%, it is **170.4630, 8.1527, 45.1979**.

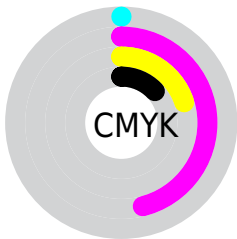
Distribution



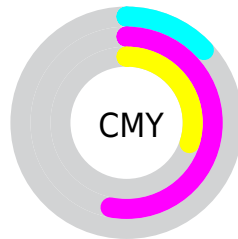
- Red (87%)
- Green (47%)
- Blue (70%)



- Red (87%)
- Yellow (47%)
- Blue (70%)



- Cyan (0%)
- Magenta (46%)
- Yellow (20%)
- Black (13%)





- Cyan (13%)
- Magenta (53%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the YUV color 156.5230, 10.5882, 57.4233 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 156.5230, 10.5882, 57.4233 by changing the saturation by 10% instead.


 156.5230, 10.5882,
57.4233


 156.5230, 10.5882,
57.4233


255.0000, 0.0000,
0.0000


 128.9250, 10.8830,
56.1938


 205.0590, 14.2679,
43.7983


 102.3270, 11.1778,
54.9642

 223.8890, 15.3377,
27.2843

 75.2560, 12.1988,
54.1495

 240.9120, 6.9454,
12.3552

 43.3150, 16.1137,
58.4827

 30.9730, 11.3523,
45.6277

 20.9900, 5.4279,
32.4578

 9.8390, -2.3856,

18.5582

■ 0.0000, 0.0000,
0.0000

■ 156.5230, 10.5882,
57.4233

■ 156.5230, 10.5882,
57.4233

■ 142.5830, 13.0236,
69.6487

■ 170.4630, 8.1527,
45.1979

■ 128.5290, 15.0222,
81.9741

■ 184.5170, 6.1541,
32.8726

■ 114.0020, 17.7470,
94.7142

■ 199.0440, 3.4293,
20.1324

■ 99.9480, 19.7456,
107.0396

■ 213.0980, 1.4307,
7.8071

■ 86.0080, 22.1811,
119.2650

■ 227.0380, -1.0047,
-4.4183

■ 80.8560, 22.7490,
123.7833

■ 241.0920, -3.0034,
-16.7437

■ 243.8790, 0.0597,
-19.1879

■ 245.0190, 4.4276,
-20.1877

■ 245.1330, 4.8644,
-20.2876

Harmonies

Analogous

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



157.4120, 28.8839, 22.4407



156.5230, 10.5882, 57.4233



153.6330, -9.6791, 71.3589

Triad

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



156.5230, 10.5882, 57.4233



146.6970, -40.7696, 9.9127



125.2460, 43.2627, -109.8407

Complementary

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



156.5230, 10.5882, 57.4233



184.4770, -10.5882, -57.4233

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.



122.4470, 24.9226, -107.3860



156.5230, 10.5882, 57.4233



141.5380, -26.3942, -27.6588

Square

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



156.5230, 10.5882, 57.4233



150.7810, -41.3040, 41.4111



124.8030, 1.5761, -85.7732



123.2860, 56.0610, -108.1218

Rectangle

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



156.5230, 10.5882, 57.4233



152.7670, -23.0561, 68.6103



124.8030, 1.5761, -85.7732



125.0520, 37.4424, -109.6706

Sweetspot

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



156.5230, 10.5882, 57.4233



232.1580, 3.8661, 20.0324



143.5990, 38.6517, 16.1377



113.9460, 1.9986, 12.3254



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.



156.5230, 10.5882, 57.4233



164.1050, 14.7382, 79.7149



150.8230, -11.2517, 62.4222



104.9730, 0.9993, 6.1627



64.1380, 18.1730, 98.1030



17.5440, 5.1548, 26.7099

Inverse Universe

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



156.5230, 10.5882, 57.4233



164.1050, 14.7382, 79.7149



190.1770, 11.2517, -62.4222



104.9730, 0.9993, 6.1627



64.1380, 18.1730, 98.1030



17.5440, 5.1548, 26.7099

Previews

White Background



This preview shows how the YUV color 156.5230, 10.5882, 57.4233 looks on a white background.

Color Contrast Check

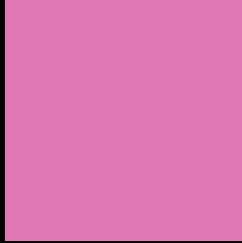
Large Text (above 18pt) WCAG AA × Fail

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 156.5230, 10.5882, 57.4233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

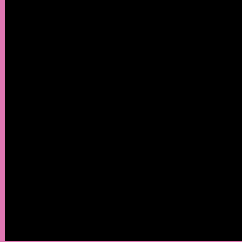
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 156.5230, 10.5882, 57.4233

Background



This preview shows how black text looks on a background with the YUV color 156.5230, 10.5882, 57.4233.



This preview shows how white text looks on a background with the YUV color 156.5230, 10.5882, 57.4233.

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

156.5230, 10.5882, 57.4233

Protanopia

154.2970, 23.0246, -11.6615

Deuteranopia

155.6120, 8.5723, 3.8483



Tritanopia

155.3490, -9.0461, 54.9449

Trichromacy



Original Color

156.5230, 10.5882, 57.4233



Protanomaly

155.0120, 18.7281, 13.1445



Deuteranomaly

156.2600, 9.2388, 23.4510



Tritanomaly

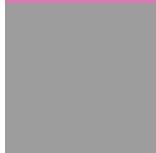
155.5970, -1.7733, 55.6044

Monochromacy



Original Color

156.5230, 10.5882, 57.4233



Achromatopsia

157.0000, 0.0000, 0.0000



Achromatomaly

156.8700, 4.0081, 21.1620

CSS Examples

Text

The CSS property to change the color of the text to YUV 156.5230, 10.5882, 57.4233 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(222, 119, 178)` looks like.

```
.text, #text, p{  
    color:rgb(222, 119, 178)  
}
```

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(222, 119, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 119, 178) }
```

Border

The CSS property to change the border of an element to YUV 156.5230, 10.5882, 57.4233 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(222, 119, 178) }
```


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

```
.border{ border-color:rgb(222, 119, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 119, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 119, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 119, 178);  
box-shadow:4px 4px 4px 4px rgb(222, 119,  
178) }
```

Background

The CSS property to change the background color of an element to YUV 156.5230, 10.5882, 57.4233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 119, 178) }
```

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

```
.background{ background-color: rgb(222,  
119, 178) }
```

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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