

Converting Colors

YUV(177.6010, 25.8327,
67.8789)

Have a look what the booklet for
YUV(177.6010, 25.8327, 67.8789)
contains.

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Color

**YUV(177.6010, 25.8327,
67.8789)**

Conversions

Conversions Part 1

Format	Color
Hex	FF80E6
RGB	255, 128, 230
RGB Percent	100%, 50%, 90%
CMY	0.0000, 0.4980, 0.0980
CMYK	0.00, 0.50, 0.10, 0.00
HSL	312°, 100%, 75%
HSV	312°, 50%, 100%
XYZ	63.2421, 42.4115, 79.7159
YIQ	177.6010, 42.9500, 58.6460

Conversions

Conversions Part 2

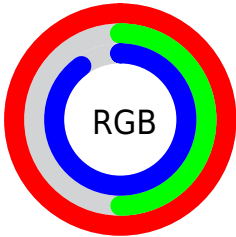
Format	Color
R _Y B	255, 128, 230
Decimal	16744678
CIE Lab	71.15, 60.85, -29.99
CIE LCh	71, 67.836, 333.761
Yxy	42.4115, 0.3412, 0.2288
Android (android.graphics.Color)	4294934758 (0xFFFF80E6)
YUV	177.6010, 25.8327, 67.8789
Hunter-Lab	65.1241, 59.3743, -26.9877

Details

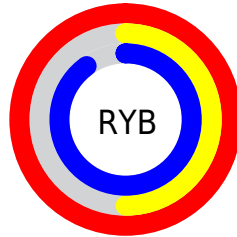
The YUV color **177.6010, 25.8327, 67.8789** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **205.3990, -25.8327, -67.8789**, and the grayscale version is **177.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.9100, 20.2574, 36.0359**, and **120.7040, 26.2749, 66.0346** is the 20% darker color. If you saturate the color by 10%, you get **162.3560, 30.8835, 81.2488**, and if you desaturate by 10%, it is **193.4330, 20.4925, 53.9943**.

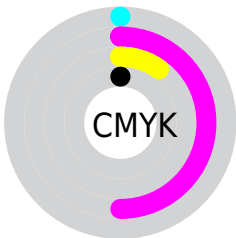
Distribution



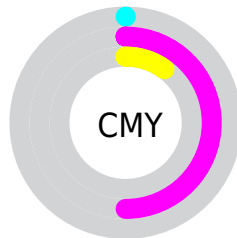
- Red (100%)
- Green (50%)
- Blue (90%)



- Red (100%)
- Yellow (50%)
- Blue (90%)



- Cyan (0%)
- Magenta (50%)
- Yellow (10%)
- Black (0%)





- Cyan (0%)
- Magenta (50%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the YUV color 177.6010, 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 177.6010, 25.8327, 67.8789 by changing the saturation by 10% instead.


 177.6010, 25.8327,
67.8789


 177.6010, 25.8327,
67.8789


255.0000, 0.0000,
0.0000


 149.0030, 26.1275,
66.6494


 213.9100, 20.2574,
36.0359


 120.7040, 26.2749,
66.0346


 230.3460, 12.1544,
21.6216

 91.3450, 27.4379,
66.3494

 247.9560, 3.4727,
6.1776

 55.3550, 32.3630,
73.3567

 44.1330, 25.5704,
58.6424

 33.3240, 19.0673,
44.4429

 23.2270, 12.7061,

31.3729

■ 12.0480, 7.3713,
15.7439

■ 0.0000, 0.0000,
0.0000

■ 177.6010, 25.8327,
67.8789

■ 177.6010, 25.8327,
67.8789

■ 162.3560, 30.8835,
81.2488

■ 193.4330, 20.4925,
53.9943

■ 146.5240, 36.2237,
95.1335

■ 208.6780, 15.4417,
40.6244

■ 130.6920, 41.5638,
109.0181

■ 224.5100, 10.1016,
26.7397

■ 115.4470, 46.6146,
122.3880

■ 239.7550, 5.0508,
13.3699

■ 99.6150, 51.9548,
136.2726

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



175.0820, 39.3996, 9.5751



177.6010, 25.8327, 67.8789



163.0160, 2.9501, 80.6700

Triad

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



177.6010, 25.8327, 67.8789



165.5150, -64.8369, 29.3663



146.0480, 46.8113, -128.0841

Complementary

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



177.6010, 25.8327, 67.8789



205.3990, -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.



140.2680, 19.5879, -123.0150



177.6010, 25.8327, 67.8789



158.9630, -47.8028, -21.0156

Square

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



177.6010, 25.8327, 67.8789



169.9280, -54.1945, 69.3461



130.7380, -6.7728, -114.6572



143.5350, 54.9522, -125.8802

Rectangle

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



177.6010, 25.8327, 67.8789



161.2770, -16.4056, 82.1951



130.7380, -6.7728, -114.6572



144.4690, 38.2228, -126.6993

Sweetspot

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



177.6010, 25.8327, 67.8789



231.7820, 7.5025, 20.3622



149.3550, 52.0830, 1.4427



113.9290, 4.4720, 12.3403



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.



177.6010, 25.8327, 67.8789



161.7690, 31.1729, 81.7636



170.5330, -1.2488, 74.0776



120.0270, 2.4517, 6.9923



74.6650, 39.1122, 102.0258



24.9500, 12.8427, 34.2468

Inverse Universe

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



177.6010, 25.8327, 67.8789



161.7690, 31.1729, 81.7636



212.4670, 1.2488, -74.0776



120.0270, 2.4517, 6.9923



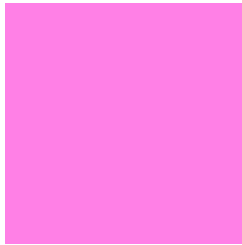
74.6650, 39.1122, 102.0258



24.9500, 12.8427, 34.2468

Previews

White Background



This preview shows how the YUV color 177.6010, 25.8327, 67.8789 looks on a white background.

Color Contrast Check

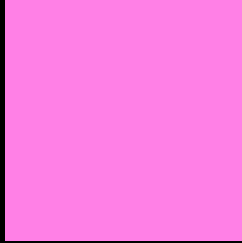
Large Text (above 18pt) WCAG AA × Fail

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 177.6010, 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 177.6010, 25.8327, 67.8789

Background



This preview shows how black text looks on a background with the YUV color 177.6010, 25.8327, 67.8789.



This preview shows how white text looks on a background with the YUV color 177.6010, 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

177.6010, 25.8327, 67.8789

Protanopia

173.9870, 39.9394, -23.6676

Deuteranopia

175.4330, 23.4505, -8.2727



Tritanopia

176.7520, -10.2307, 61.6075

Trichromacy



Original Color

177.6010, 25.8327, 67.8789



Protanomaly

175.2300, 34.8896, 9.4453



Deuteranomaly

175.9510, 24.6742, 19.3370



Tritanomaly

177.2050, 2.8569, 63.8412

Monochromacy



Original Color

177.6010, 25.8327, 67.8789



Achromatopsia

178.0000, 0.0000, 0.0000



Achromatomaly

177.9720, 9.3808, 24.5806

CSS Examples

Text

The CSS property to change the color of the text to YUV 177.6010, 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(255, 128, 230)` looks like.

```
.text, #text, p{  
    color:rgb(255, 128, 230)  
}
```

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(255, 128, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 128, 230) }
```

Border

The CSS property to change the border of an element to YUV 177.6010, 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(255, 128, 230) }
```


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

```
.border{ border-color:rgb(255, 128, 230) }
```

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

Here you see how a box with a 4 pixel rgb(255, 128, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 128, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 128, 230);  
box-shadow:4px 4px 4px 4px rgb(255, 128,  
230) }
```

Background

The CSS property to change the background color of an element to YUV 177.6010, 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(255, 128, 230) }
```

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

```
.background{ background-color: rgb(255,  
128, 230) }
```

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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