

Converting Colors

YUV(64.6780, 12.4837,
102.8914)

Have a look what the booklet for
YUV(64.6780, 12.4837, 102.8914)
contains.

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Color

**YUV(64.6780, 12.4837,
102.8914)**

Conversions

Conversions Part 1

Format	Color
Hex	B6005A
RGB	182, 0, 90
RGB Percent	71%, 0%, 35%
CMY	0.2863, 1.0000, 0.6471
CMYK	0.00, 1.00, 0.51, 0.29
HSL	330°, 100%, 36%
HSV	330°, 100%, 71%
XYZ	21.1369, 10.6833, 10.6209
YIQ	64.6780, 79.5820, 66.5740

Conversions

Conversions Part 2

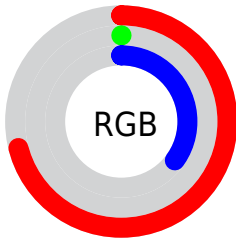
Format	Color
RYB	182, 0, 90
Decimal	11927642
CIELab	39.04, 65.68, 2.83
CIELCh	39, 65.739, 2.471
Yxy	10.6833, 0.4980, 0.2517
Android (android.graphics.Color)	4290117722 (0xFFB6005A)
YUV	64.6780, 12.4837, 102.8914
Hunter-Lab	32.6853, 58.2329, 3.6137

Details

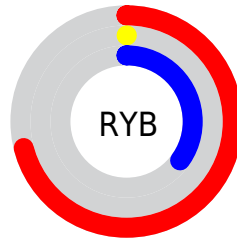
The YUV color **64.6780, 12.4837, 102.8914** is a dark color, and the websafe version is hex **CC0066**. A complement of this color would be **117.3220, -12.4837, -102.8914**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.7510, 1.6018, 93.1804**, and **41.6080, 1.6723, 70.5038** is the 20% darker color. If you saturate the color by 10%, you get **64.6780, 12.4837, 102.8914**, and if you desaturate by 10%, it is **76.2700, 11.2059, 92.7252**.

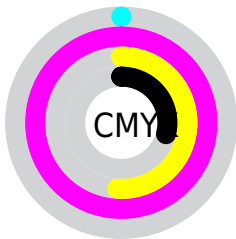
Distribution



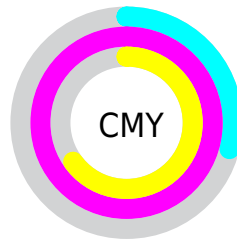
- Red (71%)
- Green (0%)
- Blue (35%)



- Red (71%)
- Yellow (0%)
- Blue (35%)



- Cyan (0%)
- Magenta (100%)
- Yellow (51%)
- Black (29%)



- Cyan (29%)
- Magenta (100%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 64.6780, 12.4837, 102.8914 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 64.6780, 12.4837, 102.8914 by changing the saturation by 10% instead.

■ 64.6780, 12.4837,
102.8914

■ 64.6780, 12.4837,
102.8914

255.0000, 0.0000,
0.0000

■ 53.0860, 6.8596,
86.7476

■ 136.7510, 1.6018,
93.1804

■ 41.6080, 1.6723,
70.5038

■ 160.9130, 2.5079,
82.5143

■ 30.6570, -2.7889,
54.6748

■ 180.4270, 6.1985,
65.4005

■ 20.0760, -8.4185,
40.2753

■ 200.6420, 10.0365,
47.6720

■ 9.6820, -4.2802,
19.5729

■ 220.8570, 13.8745,
29.9434

■ 0.0000, 0.0000,
0.0000

■ 239.1510, 7.8136,

13.8996

■ 64.6780, 12.4837,
102.8914

■ 76.2700, 11.2059,
92.7252

■ 87.8620, 9.9280,
82.5590

■ 100.1550, 8.7976,
71.7781

■ 111.7470, 7.5197,
61.6119

■ 123.3390, 6.2419,
51.4457

■ 134.9310, 4.9640,
41.2795

■ 146.5230, 3.6862,
31.1133

■ 158.8160, 2.5557,
20.3324

■ 170.4080, 1.2779,
10.1662

Harmonies

Analogous

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



86.6110, 27.3068, 61.7312



64.6780, 12.4837, 102.8914



77.8000, -19.6214, 86.9984

Triad

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



64.6780, 12.4837, 102.8914



77.1830, -38.0512, -22.0855



85.8880, 49.8482, -75.3238

Complementary

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



64.6780, 12.4837, 102.8914



117.3220, -12.4837, -102.8914

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.



83.7900, 31.6555, -73.4838



64.6780, 12.4837, 102.8914



69.4890, -15.5241, -60.9419

Square

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



64.6780, 12.4837, 102.8914



86.0080, -42.4019, 20.1640



77.7480, 8.5052, -68.1850



80.3260, 58.9993, -70.4459

Rectangle

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



64.6780, 12.4837, 102.8914



82.7720, -40.8066, 68.6060



77.7480, 8.5052, -68.1850



85.9220, 44.9015, -75.3536

Sweetspot

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



64.6780, 12.4837, 102.8914



191.2190, 4.8220, 40.1499



47.9570, 66.0832, 37.7487



92.2510, 2.8343, 24.3359



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



64.6780, 12.4837, 102.8914



84.2010, 16.1699, 134.0047



54.4180, -26.8281, 111.8894



86.1470, 0.4205, 5.1331



55.4220, 10.6380, 88.2069



9.9680, 1.9878, 15.8141

Inverse Universe

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



64.6780, 12.4837, 102.8914



84.2010, 16.1699, 134.0047



127.5820, 26.8281, -111.8894



86.1470, 0.4205, 5.1331



55.4220, 10.6380, 88.2069



9.9680, 1.9878, 15.8141

Previews

White Background



This preview shows how the YUV color 64.6780, 12.4837, 102.8914 looks on a white 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 × Fail

Black Background



This preview shows how the YUV color 64.6780, 12.4837, 102.8914 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

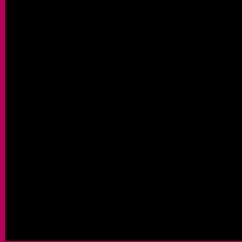
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 64.6780, 12.4837, 102.8914

Background



This preview shows how black text looks on a background with the YUV color 64.6780, 12.4837, 102.8914.



This preview shows how white text looks on a background with the YUV color 64.6780, 12.4837,

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

64.6780, 12.4837, 102.8914

Protanopia

94.5270, 17.4882, -9.2322

Deuteranopia

95.0570, -6.4371, 11.3510



Tritanopia

79.0560, -21.2266, 88.5279

Trichromacy



Original Color

64.6780, 12.4837, 102.8914

Protanomaly

83.6230, 15.4689, 31.9026

Deuteranomaly

84.1010, 0.4432, 44.6384

Tritanomaly

74.0040, -8.8760, 93.8355

Monochromacy



Original Color

64.6780, 12.4837, 102.8914

Achromatopsia

65.0000, 0.0000, 0.0000

Achromatomaly

64.7950, 4.5381, 37.8908

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.6780, 12.4837, 102.8914 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(182, 0, 90)` looks like.

```
.text, #text, p{  
    color:rgb(182, 0, 90)  
}
```

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(182, 0, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 0, 90) }
```

Border

The CSS property to change the border of an element to YUV 64.6780, 12.4837, 102.8914 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(182, 0, 90) }
```


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

```
.border{ border-color:rgb(182, 0, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 0, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 0, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 0, 90);  
box-shadow:4px 4px 4px 4px rgb(182, 0, 90)  
}
```

Background

The CSS property to change the background color of an element to YUV 64.6780, 12.4837, 102.8914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 0, 90) }
```

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

```
.background{ background-color: rgb(182, 0,  
90) }
```

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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