

Converting Colors

YUV(66.8700, 24.2211, 24.6700)

Have a look what the booklet for
YUV(66.8700, 24.2211, 24.6700)
contains.

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Color

**YUV(66.8700, 24.2211,
24.6700)**

Conversions

Conversions Part 1

Format	Color
Hex	5F2B74
RGB	95, 43, 116
RGB Percent	37%, 17%, 45%
CMY	0.6275, 0.8314, 0.5451
CMYK	0.18, 0.63, 0.00, 0.55
HSL	283°, 46%, 31%
HSV	283°, 63%, 45%
XYZ	8.7356, 5.4216, 17.1091
YIQ	66.8700, 7.5590, 33.7270

Conversions

Conversions Part 2

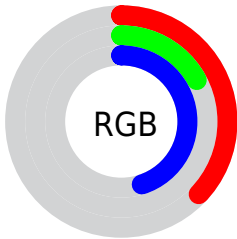
Format	Color
RYB	95, 43, 116
Decimal	6237044
CIELab	27.90, 36.40, -32.23
CIElCh	28, 48.619, 318.481
Yxy	5.4216, 0.2794, 0.1734
Android (android.graphics.Color)	4284427124 (0xFF5F2B74)
YUV	66.8700, 24.2211, 24.6700
Hunter-Lab	23.2843, 26.2202, -27.2665

Details

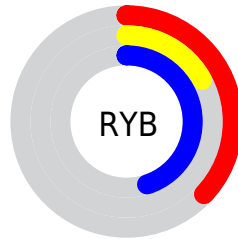
The YUV color **66.8700, 24.2211, 24.6700** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **92.1300, -24.2211, -24.6700**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **117.5220, 25.3787, 26.7292**, and **21.0930, 22.6322, 20.9664** is the 20% darker color. If you saturate the color by 10%, you get **58.9290, 28.1360, 29.0033**, and if you desaturate by 10%, it is **74.8110, 20.3062, 20.3368**.

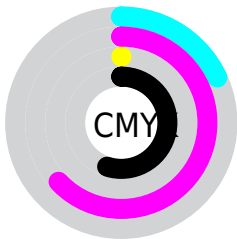
Distribution



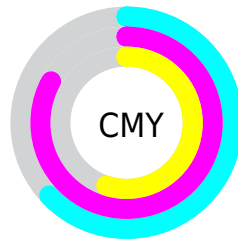
- Red (37%)
- Green (17%)
- Blue (45%)



- Red (37%)
- Yellow (17%)
- Blue (45%)



- Cyan (18%)
- Magenta (63%)
- Yellow (0%)
- Black (55%)



- Cyan (63%)
- Magenta (83%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 66.8700, 24.2211, 24.6700 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 66.8700, 24.2211, 24.6700 by changing the saturation by 10% instead.

66.8700, 24.2211,
24.6700

66.8700, 24.2211,
24.6700

255.0000, 0.0000,
0.0000

41.8700, 24.2211,
24.6700

117.5220, 25.3787,
26.7292

21.0930, 22.6322,
20.9664

143.3480, 25.9574,
27.7588

12.6050, 15.9707,
10.8704

170.1740, 26.5362,
28.7884

3.2090, 9.7570,
-2.8143

198.0000, 27.1150,
29.8180

0.0000, 0.0000,
0.0000

221.5410, 16.4953,
29.3435

237.9770, 8.3923,

14.9292

■ 66.8700, 24.2211,
24.6700

■ 66.8700, 24.2211,
24.6700

■ 58.9290, 28.1360,
29.0033

■ 74.8110, 20.3062,
20.3368

■ 51.2760, 31.9089,
32.2069

■ 82.4640, 16.5332,
17.1331

■ 43.3350, 35.8238,
36.5402

■ 90.4050, 12.6183,
12.7998

■ 38.0410, 38.4338,
39.4290

■ 97.7590, 8.9928,
8.9814

■ 105.9990, 4.9305,
5.2629

■ 113.9400, 1.0156,
0.9296

■ 121.2940, -2.6099,
-2.8888

■ 129.5340, -6.6723,
-6.6073

■ 136.8880,
-10.2978, -10.4258

Harmonies

Analogous

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



56.9100, 39.9774, -35.8781



66.8700, 24.2211, 24.6700



58.7510, 11.4618, 57.2234

Triad

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



66.8700, 24.2211, 24.6700



62.4400, -30.7829, 26.8011



58.2800, 15.1450, -51.1116

Complementary

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



66.8700, 24.2211, 24.6700



92.1300, -24.2211, -24.6700

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.



53.2470, -1.6008, -46.6976



66.8700, 24.2211, 24.6700



59.6170, -29.3912, 0.3359

Square

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



66.8700, 24.2211, 24.6700



60.1470, -26.2015, 50.7371



46.5840, -19.5149, -40.8542



60.8680, 30.1381, -53.3812

Rectangle

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



66.8700, 24.2211, 24.6700



54.7600, 1.1043, 65.9855



46.5840, -19.5149, -40.8542



56.7980, 9.4666, -49.8118

Sweetspot

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



66.8700, 24.2211, 24.6700



131.1720, 9.2822, 9.4962



64.2360, 25.5197, -18.6240



64.6400, 6.0935, 5.5777



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



66.8700, 24.2211, 24.6700



73.5140, 37.7076, 39.0142



71.4390, 14.5736, 39.0800



54.8800, 2.0312, 1.8592



39.9210, 40.4649, 41.2883



81.7220, 82.9611, 84.4358

Inverse Universe

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



67.2210, -1.5880, 42.7792



73.8480, -2.3901, 66.7853



87.5610, -14.5736, -39.0800



54.9080, -0.4476, 3.5887



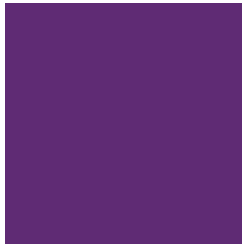
40.4680, -2.6957, 71.5036



82.9580, -5.4023, 146.4958

Previews

White Background



This preview shows how the YUV color 66.8700, 24.2211, 24.6700 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 ✓ Pass

Black Background



This preview shows how the YUV color 66.8700, 24.2211, 24.6700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

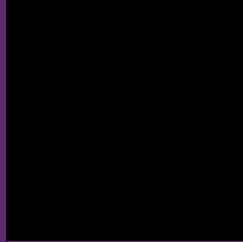
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 66.8700, 24.2211, 24.6700

Background



This preview shows how black text looks on a background with the YUV color 66.8700, 24.2211, 24.6700.



This preview shows how white text looks on a background with the YUV color 66.8700, 24.2211,

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

66.8700, 24.2211, 24.6700

Protanopia

53.1860, 41.3203, -46.6441

Deuteranopia

62.7470, 23.7887, -23.4571



Tritanopia

67.8280, -2.3802, 16.8138

Trichromacy



Original Color

66.8700, 24.2211, 24.6700

Protanomaly

58.0430, 34.9818, -20.2087

Deuteranomaly

63.9710, 24.1713, -6.1136

Tritanomaly

67.3690, 7.2131, 19.8474

Monochromacy



Original Color

66.8700, 24.2211, 24.6700

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

66.7590, 8.9928, 8.9814

CSS Examples

Text

The CSS property to change the color of the text to YUV 66.8700, 24.2211, 24.6700 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(95, 43, 116)` looks like.

```
.text, #text, p{  
    color:rgb(95, 43, 116)  
}
```

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(95, 43, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 43, 116) }
```

Border

The CSS property to change the border of an element to YUV 66.8700, 24.2211, 24.6700 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(95, 43, 116) }
```


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

```
.border{ border-color:rgb(95, 43, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 43, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 43, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 43, 116);  
box-shadow:4px 4px 4px 4px rgb(95, 43,  
116) }
```

Background

The CSS property to change the background color of an element to YUV 66.8700, 24.2211, 24.6700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 43, 116) }
```

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

```
.background{ background-color: rgb(95, 43,  
116) }
```

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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