

Converting Colors

YUV(68.2630, 14.6603, 11.1703)

Have a look what the booklet for
YUV(68.2630, 14.6603, 11.1703)
contains.

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Color

**YUV(68.2630, 14.6603,
11.1703)**

Conversions

Conversions Part 1

Format	Color
Hex	513862
RGB	81, 56, 98
RGB Percent	32%, 22%, 38%
CMY	0.6824, 0.7804, 0.6157
CMYK	0.17, 0.43, 0.00, 0.62
HSL	276°, 27%, 30%
HSV	276°, 43%, 38%
XYZ	7.0121, 5.4595, 12.2395
YIQ	68.2630, 1.4180, 18.3620

Conversions

Conversions Part 2

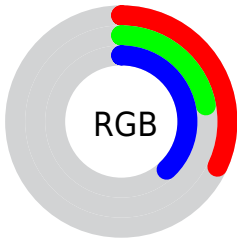
Format	Color
R_{YB}	81, 56, 98
Decimal	5322850
CIE _{Lab}	28.01, 20.02, -20.65
CIE _{LCh}	28, 28.765, 314.117
Yxy	5.4595, 0.2838, 0.2209
Android (android.graphics.Color)	4283512930 (0xFF513862)
YUV	68.2630, 14.6603, 11.1703
Hunter-Lab	23.3656, 12.6788, -14.7016

Details

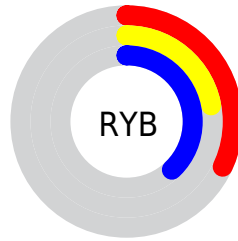
The YUV color **68.2630, 14.6603, 11.1703** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **85.7370, -14.6603, -11.1703**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.6160, 15.9653, 12.6148**, and **23.9100, 13.3554, 9.7259** is the 20% darker color. If you saturate the color by 10%, you get **61.1970, 18.1439, 13.8592**, and if you desaturate by 10%, it is **75.3290, 11.1768, 8.4815**.

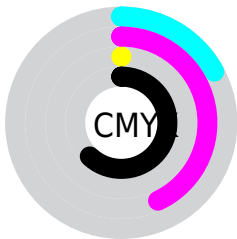
Distribution



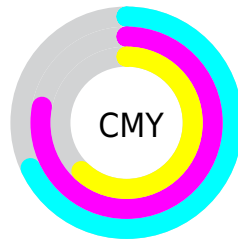
- Red (32%)
- Green (22%)
- Blue (38%)



- Red (32%)
- Yellow (22%)
- Blue (38%)



- Cyan (17%)
- Magenta (43%)
- Yellow (0%)
- Black (62%)



- Cyan (68%)
- Magenta (78%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 68.2630, 14.6603, 11.1703 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 68.2630, 14.6603, 11.1703 by changing the saturation by 10% instead.

■ 68.2630, 14.6603,
11.1703

■ 68.2630, 14.6603,
11.1703

■ 255.0000, 0.0000,
0.0000

■ 45.4370, 14.0816,
10.1408

■ 116.6160, 15.9653,
12.6148

■ 23.9100, 13.3554,
9.7259

■ 143.0290, 16.2547,
13.1296

■ 6.4100, 11.6299,
3.1484

■ 169.4420, 16.5441,
13.6444

■ 0.0000, 0.0000,
0.0000

■ 196.8550, 16.8335,
14.1592

■ 223.8120, 15.3757,
15.0739

■ 245.0210, 4.9196,

8.7516

■ 68.2630, 14.6603,
11.1703

■ 68.2630, 14.6603,
11.1703

■ 61.1970, 18.1439,
13.8592

■ 75.3290, 11.1768,
8.4815

■ 54.1310, 21.6274,
16.5481

■ 82.3950, 7.6933,
5.7926

■ 47.6520, 24.8216,
18.7222

■ 88.8740, 4.4991,
3.6185

■ 40.5860, 28.3051,
21.4111

■ 95.9400, 1.0156,
0.9296

■ 33.5200, 31.7886,
24.1000

■ 103.0060, -2.4680,
-1.7593

■ 28.5140, 34.2566,
25.8592

■ 110.0720, -5.9515,
-4.4481

■ 117.1380, -9.4350,
-7.1370

■ 123.6170,
-12.6292, -9.3111

■ 130.6830,
-16.1127, -12.0000

Harmonies

Analogous

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



64.3350, 22.0198, -16.0798



68.2630, 14.6603, 11.1703



67.3810, 5.7282, 29.4839

Triad

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



68.2630, 14.6603, 11.1703



64.6270, -21.0151, 20.4981



53.8630, 10.9135, -47.2379

Complementary

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



68.2630, 14.6603, 11.1703



85.7370, -14.6603, -11.1703

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.



50.6540, 1.1566, -44.4236



68.2630, 14.6603, 11.1703



62.9410, -20.6769, 5.3137

Square

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



68.2630, 14.6603, 11.1703



65.1260, -14.3591, 32.3385



59.7690, -13.1971, -13.8294



55.5560, 19.9389, -48.7226

Rectangle

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



68.2630, 14.6603, 11.1703



66.5790, -1.2714, 34.5722



59.7690, -13.1971, -13.8294



53.0650, 7.8560, -46.5380

Sweetspot

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



68.2630, 14.6603, 11.1703



115.9280, 5.9515, 4.4481



71.3540, 13.1365, -13.4655



56.9340, 3.4835, 2.6889



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



68.2630, 14.6603, 11.1703



81.1850, 23.0798, 17.3778



73.0040, 10.8440, 21.9215



45.0540, 1.4524, 0.8296



32.8010, 39.0451, 29.9925



70.1170, 83.7523, 63.9184

Inverse Universe

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



70.4960, 1.2345, 24.1210



84.8120, 2.0647, 37.8759



80.9960, -10.8440, -21.9215



45.4240, 0.2840, 2.2592



38.6180, 3.1463, 64.3560



82.8180, 6.9917, 137.8486

Previews

White Background



This preview shows how the YUV color 68.2630, 14.6603, 11.1703 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 68.2630, 14.6603, 11.1703 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 68.2630, 14.6603, 11.1703

Background



This preview shows how black text looks on a background with the YUV color 68.2630, 14.6603, 11.1703.



This preview shows how white text looks on a background with the YUV color 68.2630, 14.6603,

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

68.2630, 14.6603, 11.1703

Protanopia

65.4880, 19.9724, -12.7060

Deuteranopia

65.8320, 14.8728, -10.3767



Tritanopia

67.4570, 0.2677, 7.4922

Trichromacy



Original Color

68.2630, 14.6603, 11.1703

Protanomaly

66.6740, 17.9087, -4.0991

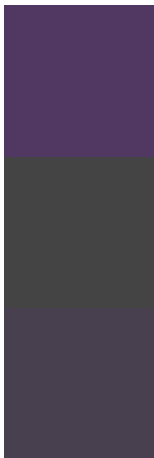
Deuteranomaly

66.5880, 14.9931, -2.2697

Tritanomaly

67.5480, 5.6458, 9.1664

Monochromacy



Original Color

68.2630, 14.6603, 11.1703

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

68.4010, 5.2253, 4.0333

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.2630, 14.6603, 11.1703 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(81, 56, 98)` looks like.

```
.text, #text, p{  
    color:rgb(81, 56, 98)  
}
```

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(81, 56, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 56, 98) }
```

Border

The CSS property to change the border of an element to YUV 68.2630, 14.6603, 11.1703 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(81, 56, 98) }
```


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

```
.border{ border-color:rgb(81, 56, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 56, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 56, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 56, 98);  
box-shadow:4px 4px 4px 4px rgb(81, 56, 98)  
}
```

Background

The CSS property to change the background color of an element to YUV 68.2630, 14.6603, 11.1703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 56, 98) }
```

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

```
.background{ background-color: rgb(81, 56,  
98) }
```

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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