

Converting Colors

YUV(68.5800, 14.5041,
108.2393)

Have a look what the booklet for
YUV(68.5800, 14.5041, 108.2393)
contains.

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Color

**YUV(68.5800, 14.5041,
108.2393)**

Conversions

Conversions Part 1

Format	Color
Hex	C00062
RGB	192, 0, 98
RGB Percent	75%, 0%, 38%
CMY	0.2471, 1.0000, 0.6157
CMYK	0.00, 1.00, 0.49, 0.25
HSL	329°, 100%, 38%
HSV	329°, 100%, 75%
XYZ	23.9428, 12.0883, 12.6266
YIQ	68.5800, 82.9740, 71.1820

Conversions

Conversions Part 2

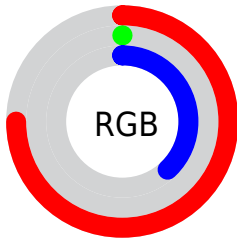
Format	Color
R_{YB}	192, 0, 98
Decimal	12583010
CIE _{Lab}	41.36, 68.55, 1.36
CIE _{LCh}	41, 68.567, 1.136
Yxy	12.0883, 0.4921, 0.2484
Android (android.graphics.Color)	4290773090 (0xFFC00062)
YUV	68.5800, 14.5041, 108.2393
Hunter-Lab	34.7682, 62.0780, 2.8057

Details

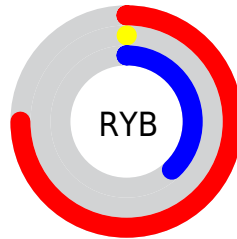
The YUV color **68.5800, 14.5041, 108.2393** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **123.4200, -14.5041, -108.2393**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.7130, 2.6065, 97.5987**, and **45.3960, 3.2558, 75.9517** is the 20% darker color. If you saturate the color by 10%, you get **68.5800, 14.5041, 108.2393**, and if you desaturate by 10%, it is **80.7590, 12.9368, 97.5584**.

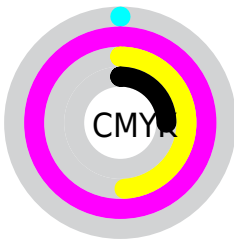
Distribution



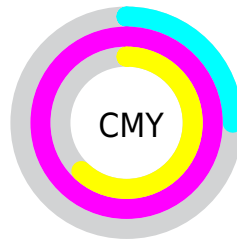
- Red (75%)
- Green (0%)
- Blue (38%)



- Red (75%)
- Yellow (0%)
- Blue (38%)



- Cyan (0%)
- Magenta (100%)
- Yellow (49%)
- Black (25%)





- Cyan (25%)
- Magenta (100%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 68.5800, 14.5041, 108.2393 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 68.5800, 14.5041, 108.2393 by changing the saturation by 10% instead.

 68.5800, 14.5041,
108.2393


 68.5800, 14.5041,
108.2393


255.0000, 0.0000,
0.0000


 56.8740, 8.4431,
92.1955


 142.7130, 2.6065,
97.5987


 45.3960, 3.2558,
75.9517


 163.7000, 5.5709,
80.0701


 34.0320, -1.4948,
59.6079

 183.8010, 8.9721,
62.4415

 22.9950, -8.8715,
45.6084

 204.0160, 12.8101,
44.7130

 13.2700, -6.0491,
26.9502

 223.8890, 15.3377,
27.2843

 0.0000, 0.0000,
0.0000

 241.4990, 6.6560,

11.8404

■ 68.5800, 14.5041,
108.2393

■ 80.7590, 12.9368,
97.5584

■ 93.0520, 11.8064,
86.7774

■ 105.8180, 9.9497,
75.5816

■ 118.1110, 8.8193,
64.8007

■ 130.2900, 7.2520,
54.1197

■ 142.4690, 5.6848,
43.4387

■ 154.7620, 4.5543,
32.6577

■ 167.5280, 2.6977,
21.4619

■ 179.8210, 1.5672,
10.6810

Harmonies

Analogous

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



92.8930, 29.6328, 62.3608



68.5800, 14.5041, 108.2393



82.2460, -19.3483, 92.7463

Triad

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



68.5800, 14.5041, 108.2393



82.2110, -40.5300, -20.3560



91.1370, 52.1905, -79.9271

Complementary

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



68.5800, 14.5041, 108.2393



123.4200, -14.5041, -108.2393

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.



88.6970, 32.6874, -77.7873



68.5800, 14.5041, 108.2393



73.5980, -17.5498, -64.5454

Square

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



68.5800, 14.5041, 108.2393



91.3350, -45.0282, 22.5082



82.1990, 7.7899, -72.0885



85.8030, 62.2151, -75.2492

Rectangle

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



68.5800, 14.5041, 108.2393



87.2350, -43.0069, 74.3389



82.1990, 7.7899, -72.0885



90.9430, 46.3701, -79.7570

Sweetspot

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



68.5800, 14.5041, 108.2393



201.7570, 5.5428, 42.3091



49.6950, 70.1564, 37.9785



96.0770, 3.4130, 25.3655



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



68.5800, 14.5041, 108.2393



89.3420, 19.0584, 140.8971



57.7500, -26.9917, 117.7373



90.5600, 0.7099, 5.6479



57.4870, 12.0849, 90.7809



11.8050, 2.5611, 18.5880

Inverse Universe

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



68.5800, 14.5041, 108.2393



89.3420, 19.0584, 140.8971



134.2500, 26.9917, -117.7373



90.5600, 0.7099, 5.6479



57.4870, 12.0849, 90.7809



11.8050, 2.5611, 18.5880

Previews

White Background



This preview shows how the YUV color 68.5800, 14.5041, 108.2393 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 68.5800, 14.5041, 108.2393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

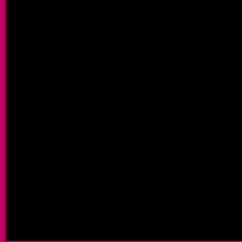
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 68.5800, 14.5041, 108.2393

Background



This preview shows how black text looks on a background with the YUV color 68.5800, 14.5041, 108.2393.



This preview shows how white text looks on a background with the YUV color 68.5800, 14.5041,

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

68.5800, 14.5041, 108.2393

Protanopia

100.3140, 20.5512, -11.6764

Deuteranopia

100.3990, -5.1267, 11.0511



Tritanopia

83.8500, -22.1110, 92.2166

Trichromacy



Original Color

68.5800, 14.5041, 108.2393

Protanomaly

88.7200, 18.3790, 31.8176

Deuteranomaly

88.8670, 2.0376, 46.5976

Tritanomaly

78.3250, -9.0342, 97.9390

Monochromacy



Original Color

68.5800, 14.5041, 108.2393

Achromatopsia

69.0000, 0.0000, 0.0000

Achromatomaly

69.0340, 5.4062, 39.4352

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.5800, 14.5041, 108.2393 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(192, 0, 98)` looks like.

```
.text, #text, p{  
    color:rgb(192, 0, 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(192, 0, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 0, 98) }
```

Border

The CSS property to change the border of an element to YUV 68.5800, 14.5041, 108.2393 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(192, 0, 98) }
```


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

```
.border{ border-color:rgb(192, 0, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 0, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 0, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 0, 98);  
box-shadow:4px 4px 4px 4px rgb(192, 0, 98)  
}
```

Background

The CSS property to change the background color of an element to YUV 68.5800, 14.5041, 108.2393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 0, 98) }
```

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

```
.background{ background-color: rgb(192, 0,  
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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