

Converting Colors

YUV(68.9540, 0.5157, 114.9273)

Have a look what the booklet for
YUV(68.9540, 0.5157, 114.9273)
contains.

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Color

**YUV(68.9540, 0.5157,
114.9273)**

Conversions

Conversions Part 1

Format	Color
Hex	C80246
RGB	200, 2, 70
RGB Percent	78%, 1%, 27%
CMY	0.2157, 0.9922, 0.7255
CMYK	0.00, 0.99, 0.65, 0.22
HSL	339°, 98%, 40%
HSV	339°, 99%, 78%
XYZ	24.9466, 12.7650, 6.9434
YIQ	68.9540, 96.1800, 63.1240

Conversions

Conversions Part 2

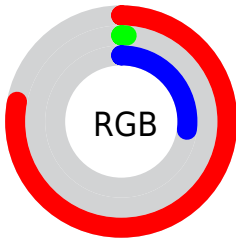
Format	Color
R_{YB}	200, 2, 70
Decimal	13107782
CIE Lab	42.41, 68.38, 20.80
CIE LCh	42, 71.470, 16.918
Yxy	12.7650, 0.5587, 0.2859
Android (android.graphics.Color)	4291297862 (0xFFC80246)
YUV	68.9540, 0.5157, 114.9273
Hunter-Lab	35.7281, 62.1108, 13.4872

Details

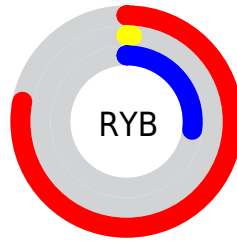
The YUV color **68.9540, 0.5157, 114.9273** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **133.0460, -0.5157, -114.9273**, and the grayscale version is **69.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.1790, -10.9342, 100.6980**, and **44.4540, -8.1118, 82.0398** is the 20% darker color. If you saturate the color by 10%, you get **67.6660, 0.6577, 116.0569**, and if you desaturate by 10%, it is **82.1760, 0.4062, 103.3316**.

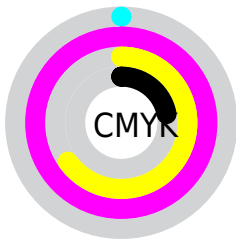
Distribution



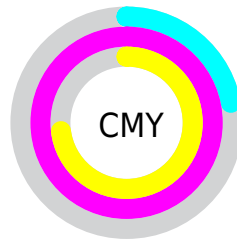
- Red (78%)
- Green (1%)
- Blue (27%)



- Red (78%)
- Yellow (1%)
- Blue (27%)



- Cyan (0%)
- Magenta (99%)
- Yellow (65%)
- Black (22%)



- Cyan (22%)
- Magenta (99%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 68.9540, 0.5157, 114.9273 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 68.9540, 0.5157, 114.9273 by changing the saturation by 10% instead.

■ 68.9540, 0.5157,
114.9273

■ 68.9540, 0.5157,
114.9273

255.0000, 0.0000,
0.0000

■ 56.0030, -3.9455,
99.0984

■ 140.1790,
-10.9342, 100.6980

■ 44.4540, -8.1118,
82.0398

■ 160.6390, -8.6960,
82.7546

■ 32.1070, -15.3358,
65.6812

■ 180.7400, -5.2948,
65.1260

■ 23.6640, -10.1874,
47.6527

■ 200.8410, -1.8936,
47.4974

■ 14.2810, -6.0545,
28.6946

■ 221.6430, 1.6550,
29.2541

■ 0.0000, 0.0000,
0.0000

■ 241.8580, 5.4930,

11.5255

■ 68.9540, 0.5157,
114.9273

■ 68.9540, 0.5157,
114.9273

■ 67.6660, 0.6577,
116.0569

■ 82.1760, 0.4062,
103.3316

■ 95.3980, 0.2968,
91.7360

■ 108.6200, 0.1873,
80.1403

■ 121.9560, 0.5147,
68.4446

■ 135.1780, 0.4052,
56.8489

■ 148.4000, 0.2958,
45.2532

■ 161.6220, 0.1864,
33.6575

■ 174.8440, 0.0769,
22.0618

■ 188.0660, -0.0325,
10.4661

Harmonies

Analogous

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



79.1470, 24.5775, 97.2181



68.9540, 0.5157, 114.9273



87.9740, -40.4132, 82.4608

Triad

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



68.9540, 0.5157, 114.9273



69.2660, -34.1481, -60.7463



92.1290, 61.0684, -80.7971

Complementary

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



68.9540, 0.5157, 114.9273



133.0460, -0.5157, -114.9273

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.



93.4050, 45.6493, -81.9162



68.9540, 0.5157, 114.9273



80.2950, -4.5824, -70.4187

Square

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



68.9540, 0.5157, 114.9273



90.6050, -44.6683, 0.3464



88.5370, 21.9203, -77.6469



80.8620, 66.1300, -70.9160

Rectangle

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



68.9540, 0.5157, 114.9273



93.6150, -46.1522, 56.4656



88.5370, 21.9203, -77.6469



93.7930, 57.2901, -82.2565

Sweetspot

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



68.9540, 0.5157, 114.9273



204.6880, 0.1538, 44.1236



63.1430, 67.4705, 59.5106



97.4640, -0.2288, 26.7801



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.



68.9540, 0.5157, 114.9273



86.2770, 0.8494, 147.9701



78.8120, -37.8683, 106.2819



93.0330, -0.0163, 5.2331



55.1210, 0.4333, 94.6099



12.1320, -0.0651, 20.9322

Inverse Universe

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



68.9540, 0.5157, 114.9273



86.2770, 0.8494, 147.9701



123.1880, 37.8683, -106.2819



93.0330, -0.0163, 5.2331



55.1210, 0.4333, 94.6099



12.1320, -0.0651, 20.9322

Previews

White Background



This preview shows how the YUV color 68.9540, 0.5157, 114.9273 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 68.9540, 0.5157, 114.9273 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 68.9540, 0.5157, 114.9273

Background



This preview shows how black text looks on a background with the YUV color 68.9540, 0.5157, 114.9273.



This preview shows how white text looks on a background with the YUV color 68.9540, 0.5157,

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

68.9540, 0.5157, 114.9273

Protanopia

102.7120, 0.1420, 1.1296

Deuteranopia

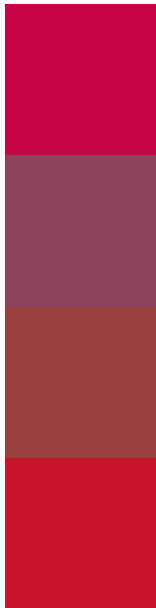
101.5560, -19.9941, 19.6834



Tritanopia

78.7870, -26.5170, 105.4268

Trichromacy



Original Color

68.9540, 0.5157, 114.9273

Protanomaly

90.6770, 0.1592, 42.3793

Deuteranomaly

89.7250, -12.6824, 54.6152

Tritanomaly

75.3280, -16.9237, 108.4603

Monochromacy



Original Color

68.9540, 0.5157, 114.9273

Achromatopsia

69.0000, 0.0000, 0.0000

Achromatomaly

69.2640, -0.1302, 41.8645

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.9540, 0.5157, 114.9273 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(200, 2, 70)` looks like.

```
.text, #text, p{  
    color:rgb(200, 2, 70)  
}
```

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(200, 2, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 2, 70) }
```

Border

The CSS property to change the border of an element to YUV 68.9540, 0.5157, 114.9273 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(200, 2, 70) }
```


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

```
.border{ border-color:rgb(200, 2, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 2, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 2, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 2, 70);  
box-shadow:4px 4px 4px 4px rgb(200, 2, 70)  
}
```

Background

The CSS property to change the background color of an element to YUV 68.9540, 0.5157, 114.9273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 2, 70) }
```

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

```
.background{ background-color: rgb(200, 2,  
70) }
```

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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