

Converting Colors

YUV(64.9450, -5.8889,
115.8122)

Have a look what the booklet for
YUV(64.9450, -5.8889, 115.8122)
contains.

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Color

**YUV(64.9450, -5.8889,
115.8122)**

Conversions

Conversions Part 1

Format	Color
Hex	C50035
RGB	197, 0, 53
RGB Percent	77%, 0%, 21%
CMY	0.2275, 1.0000, 0.7922
CMYK	0.00, 1.00, 0.73, 0.23
HSL	344°, 100%, 39%
HSV	344°, 100%, 77%
XYZ	23.6686, 12.1274, 4.4615
YIQ	64.9450, 100.3990, 58.2470

Conversions

Conversions Part 2

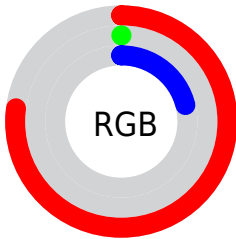
Format	Color
R_{YB}	197, 0, 53
Decimal	12910645
CIE Lab	41.42, 67.08, 30.05
CIE LCh	41, 73.499, 24.129
Yxy	12.1274, 0.5879, 0.3012
Android (android.graphics.Color)	4291100725 (0xFFC50035)
YUV	64.9450, -5.8889, 115.8122
Hunter-Lab	34.8244, 60.3759, 16.7811

Details

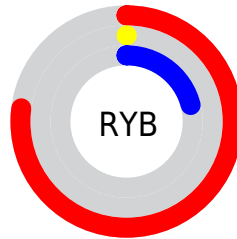
The YUV color **64.9450, -5.8889, 115.8122** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **132.0550, 5.8889, -115.8122**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.8390, -18.6546, 103.6272**, and **41.3200, -14.9478, 81.2804** is the 20% darker color. If you saturate the color by 10%, you get **64.9450, -5.8889, 115.8122**, and if you desaturate by 10%, it is **78.2810, -5.5615, 104.1166**.

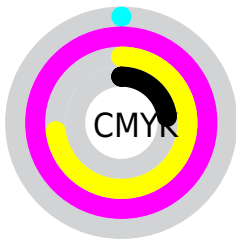
Distribution



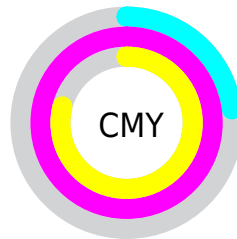
- Red (77%)
- Green (0%)
- Blue (21%)



- Red (77%)
- Yellow (0%)
- Blue (21%)



- Cyan (0%)
- Magenta (100%)
- Yellow (73%)
- Black (23%)



- Cyan (23%)
- Magenta (100%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 64.9450, -5.8889, 115.8122 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 64.9450, -5.8889, 115.8122 by changing the saturation by 10% instead.

■ 64.9450, -5.8889,
115.8122

■ 64.9450, -5.8889,
115.8122

255.0000, 0.0000,
0.0000

■ 52.9830, -10.3446,
98.2389

■ 136.8390,
-18.6546, 103.6272

■ 41.3200, -14.9478,
81.2804

■ 157.2990,
-16.4164, 85.6838

■ 30.7970, -15.1829,
63.3220

■ 177.2860,
-13.4520, 68.1552

■ 22.4680, -9.5977,
45.1936

■ 197.3870,
-10.0508, 50.5266

■ 12.9710, -5.9017,
26.3354

■ 217.4880, -6.6496,
32.8980

■ 0.0000, 0.0000,
0.0000

■ 238.2900, -3.1010,

14.6547

■ 64.9450, -5.8889,
115.8122

■ 78.2810, -5.5615,
104.1166

■ 91.1440, -4.5080,
92.8357

■ 104.4800, -4.1806,
81.1400

■ 117.9300, -3.4165,
69.3444

■ 131.2660, -3.0891,
57.6487

■ 144.0150, -2.4724,
46.4678

■ 157.4650, -1.7082,
34.6722

■ 170.8010, -1.3809,
22.9765

■ 183.6640, -0.3274,
11.6957

Harmonies

Analogous

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



71.0730, 20.1770, 108.6840



64.9450, -5.8889, 115.8122



87.2350, -43.0069, 74.3389

Triad

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



64.9450, -5.8889, 115.8122



70.5200, -29.3434, -61.8460



89.6500, 64.2626, -78.6230

Complementary

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



64.9450, -5.8889, 115.8122



132.0550, 5.8889, -115.8122

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.



92.7840, 50.8855, -81.3716



64.9450, -5.8889, 115.8122



80.6030, 1.6747, -70.6888

Square

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



64.9450, -5.8889, 115.8122



85.5110, -42.1569, -11.8491



88.8450, 28.1774, -77.9171



89.3610, 59.4750, -36.2736

Rectangle

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



64.9450, -5.8889, 115.8122



92.3750, -45.5409, 47.0291



88.8450, 28.1774, -77.9171



91.5420, 61.3578, -80.2823

Sweetspot

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



64.9450, -5.8889, 115.8122



204.0040, -2.4670, 44.7235



64.6170, 65.2648, 66.9879



97.1220, -1.5391, 27.0800



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.



64.9450, -5.8889, 115.8122



84.1110, -7.4497, 149.8697



84.1440, -41.4830, 98.9747



92.9190, -0.4531, 5.3330



53.7530, -4.8082, 95.8096



11.9040, -0.9387, 21.1322

Inverse Universe

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



64.9450, -5.8889, 115.8122



84.1110, -7.4497, 149.8697



112.8560, 41.4830, -98.9747



92.9190, -0.4531, 5.3330



53.7530, -4.8082, 95.8096



11.9040, -0.9387, 21.1322

Previews

White Background



This preview shows how the YUV color 64.9450, -5.8889, 115.8122 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 64.9450, -5.8889, 115.8122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

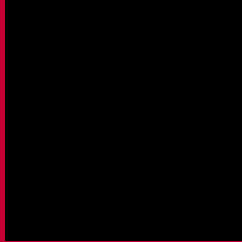
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 64.9450, -5.8889, 115.8122

Background



This preview shows how black text looks on a background with the YUV color 64.9450, -5.8889, 115.8122.



This preview shows how white text looks on a background with the YUV color 64.9450, -5.8889,

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

64.9450, -5.8889, 115.8122

Protanopia

99.6990, -10.2046, 6.4030

Deuteranopia

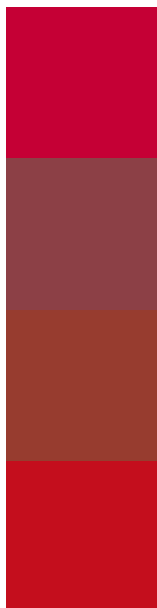
97.7430, -26.9883, 23.0274



Tritanopia

73.3420, -28.2696, 107.5711

Trichromacy



Original Color

64.9450, -5.8889, 115.8122

Protanomaly

87.4080, -8.5821, 46.1232

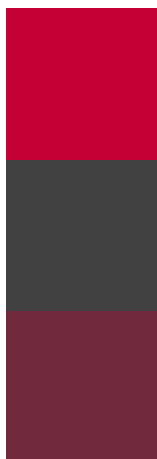
Deuteranomaly

85.7270, -19.0924, 57.2444

Tritanomaly

70.1280, -20.2761, 110.3897

Monochromacy



Original Color

64.9450, -5.8889, 115.8122

Achromatopsia

65.0000, 0.0000, 0.0000

Achromatomaly

64.8080, -1.8773, 42.2644

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.9450, -5.8889, 115.8122 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(197, 0, 53)` looks like.

```
.text, #text, p{  
    color:rgb(197, 0, 53)  
}
```

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(197, 0, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 0, 53) }
```

Border

The CSS property to change the border of an element to YUV 64.9450, -5.8889, 115.8122 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(197, 0, 53) }
```


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

```
.border{ border-color:rgb(197, 0, 53) }
```

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

Here you see how a box with a 4 pixel rgb(197, 0, 53) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 0, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 0, 53);  
box-shadow:4px 4px 4px 4px rgb(197, 0, 53)  
}
```

Background

The CSS property to change the background color of an element to YUV 64.9450, -5.8889, 115.8122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 0, 53) }
```

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

```
.background{ background-color: rgb(197, 0,  
53) }
```

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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