

Converting Colors

YUV(68.5610, -33.8006,
108.2560)

Have a look what the booklet for
YUV(68.5610, -33.8006, 108.2560)
contains.

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Color

**YUV(68.5610, -33.8006,
108.2560)**

Conversions

Conversions Part 1

Format	Color
Hex	C01300
RGB	192, 19, 0
RGB Percent	75%, 7%, 0%
CMY	0.2471, 0.9255, 1.0000
CMYK	0.00, 0.90, 1.00, 0.25
HSL	6°, 100%, 38%
HSV	6°, 100%, 75%
XYZ	21.9711, 11.6722, 1.0950
YIQ	68.5610, 109.2070, 30.7670

Conversions

Conversions Part 2

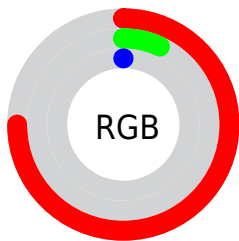
Format	Color
RYB	192, 21, 0
Decimal	12587776
CIELab	40.69, 62.51, 54.57
CIELCh	41, 82.977, 41.124
Yxy	11.6722, 0.6325, 0.3360
Android (android.graphics.Color)	4290777856 (0xFFC01300)
YUV	68.5610, -33.8006, 108.2560
Hunter-Lab	34.1646, 55.0044, 22.0150

Details

The YUV color **68.5610, -33.8006, 108.2560** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **123.4390, 33.8006, -108.2560**, and the grayscale version is **69.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.8290, -40.3417, 106.2670**, and **38.2720, -18.8681, 78.6915** is the 20% darker color. If you saturate the color by 10%, you get **68.5610, -33.8006, 108.2560**, and if you desaturate by 10%, it is **80.7060, -30.4211, 97.6048**.

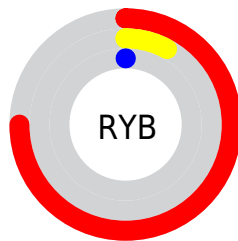
Distribution



Red (75%)

Green (7%)

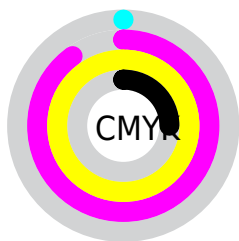
Blue (0%)



Red (75%)

Yellow (8%)

Blue (0%)

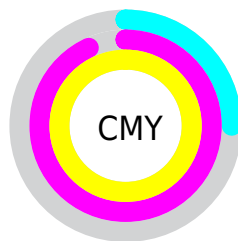


Cyan (0%)

Magenta (90%)

Yellow (100%)

Black (25%)



Cyan (25%)

Magenta (93%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 68.5610, -33.8006, 108.2560 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 68.5610, -33.8006, 108.2560 by changing the saturation by 10% instead.

■ 68.5610, -33.8006,
108.2560

■ 68.5610, -33.8006,
108.2560

■ 253.0620, -7.4256,
1.6996

■ 47.8400, -23.5851,
98.3643

■ 133.8290,
-40.3417, 106.2670

■ 38.2720, -18.8681,
78.6915

■ 153.5880,
-38.2509, 88.9383

■ 29.0030, -14.2985,
59.6334

■ 172.8740,
-35.4339, 72.0245

■ 20.9730, -8.8607,
42.1197

■ 192.8610,
-32.4695, 54.4959


■ 10.8780, -4.8699,
22.0320


■ 212.9620,
-29.0683, 36.8673


■ 0.0000, 0.0000,
0.0000


■ 233.0630,

-25.6671, 19.2387


 249.7560,
-20.0927, 4.5990


 68.5610, -33.8006,
108.2560

 80.7060, -30.4211,
97.6048

 93.4380, -27.3309,
86.4389

 105.6970,
-23.5146, 75.6877

 117.8420,
-20.1351, 65.0366

 130.5740,
-17.0450, 53.8706

■ 142.7190,
-13.6655, 43.2194

■ 154.8640,
-10.2860, 32.5683

■ 167.1230, -6.4696,
21.8171

■ 179.8550, -3.3795,
10.6512

Harmonies

Analogous

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



70.9270, 1.5150, 121.0900



68.5610, -33.8006, 108.2560



90.0600, -44.3996, 54.3214

Triad

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



68.5610, -33.8006, 108.2560



75.9120, -13.7606, -66.5748



84.0880, 73.4136, -73.7452

Complementary

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



68.5610, -33.8006, 108.2560



123.4390, 33.8006, -108.2560

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.



93.9700, 65.5838, -82.4117



68.5610, -33.8006, 108.2560



85.4080, 17.5469, -74.9028

Square

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



68.5610, -33.8006, 108.2560



66.9180, -32.9906, -58.6871



92.7040, 45.5019, -81.3014



94.7970, 51.8651, 24.7340

Rectangle

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



68.5610, -33.8006, 108.2560



90.1500, -44.4439, 21.7935



92.7040, 45.5019, -81.3014



88.4250, 72.2615, -77.5487

Sweetspot

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



68.5610, -33.8006, 108.2560



201.5340, -13.0813, 42.5047



77.4720, 48.5743, 100.4411



95.8030, -7.7909, 25.6058



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.



68.5610, -33.8006, 108.2560



89.4250, -44.0865, 140.8243



123.1520, -60.7139, 60.3797



90.5770, -1.7635, 5.6330



57.5310, -28.3628, 90.7423



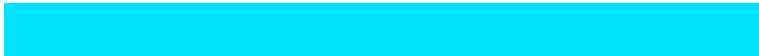
11.6280, -5.7326, 18.7432

Inverse Universe

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



123.4390, 33.8006, -108.2560



160.5750, 44.0865, -140.8243



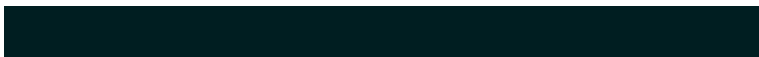
68.8480, 60.7139, -60.3797



93.4230, 1.7635, -5.6330



103.4690, 28.3628, -90.7423



21.3720, 5.7326, -18.7432

Previews

White Background



This preview shows how the YUV color 68.5610, -33.8006, 108.2560 looks on a white background.

Color Contrast Check

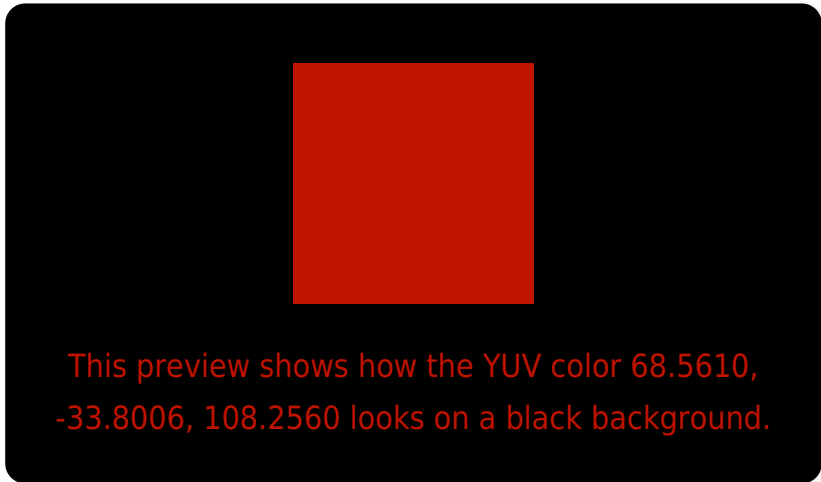
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

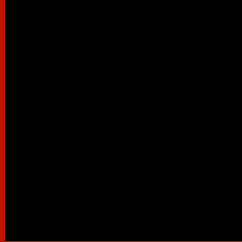
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 68.5610, -33.8006, 108.2560

Background



This preview shows how black text looks on a background with the YUV color 68.5610, -33.8006, 108.2560.



This preview shows how white text looks on a background with the YUV color 68.5610, -33.8006,

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



Protanopia

93.1520, -34.0919, 14.7757

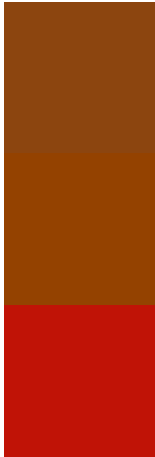
Deuteranopia

91.3680, -45.0444, 27.7413

Tritanopia

69.7010, -29.4326, 107.2562

Trichromacy



Protanomaly

84.0730, -34.0530, 49.0480

Deuteranomaly

82.9940, -40.9160, 57.0103

Tritanomaly

69.2450, -31.1798, 107.6561

Monochromacy



Achromatopsia

69.0000, 0.0000, 0.0000

Achromatomaly

69.0390, -12.3442, 39.4308

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.5610, -33.8006, 108.2560 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, 19, 0)` looks like.

```
.text, #text, p{  
    color:rgb(192, 19, 0)  
}
```

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, 19, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 19, 0) }
```

Border

The CSS property to change the border of an element to YUV 68.5610, -33.8006, 108.2560 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, 19, 0) }
```

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

```
.border{ border-color:rgb(192, 19, 0) }
```

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

Here you see how a box with a 4 pixel rgb(192, 19, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 19, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 19, 0);  
box-shadow:4px 4px 4px 4px rgb(192, 19, 0)  
}
```


Background

The CSS property to change the background color of an element to YUV 68.5610, -33.8006, 108.2560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 19, 0) }
```

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

```
.background{ background-color: rgb(192, 19,  
0) }
```

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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