

Converting Colors

YUV(33.8170, -12.2348,
51.0265)

Have a look what the booklet for
YUV(33.8170, -12.2348, 51.0265)
contains.

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Color

**YUV(33.8170, -12.2348,
51.0265)**

Conversions

Conversions Part 1

Format	Color
Hex	5C0909
RGB	92, 9, 9
RGB Percent	36%, 4%, 4%
CMY	0.6392, 0.9647, 0.9647
CMYK	0.00, 0.90, 0.90, 0.64
HSL	0°, 82%, 20%
HSV	0°, 90%, 36%
XYZ	4.5606, 2.4904, 0.4988
YIQ	33.8170, 49.4680, 17.5960

Conversions

Conversions Part 2

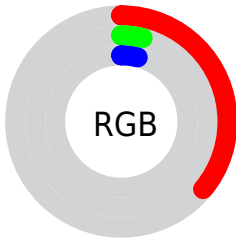
Format	Color
R_{YB}	92, 9, 9
Decimal	6031625
CIE Lab	17.88, 35.68, 23.69
CIE LCh	18, 42.823, 33.579
Yxy	2.4904, 0.6041, 0.3299
Android (android.graphics.Color)	4284221705 (0xFF5C0909)
YUV	33.8170, -12.2348, 51.0265
Hunter-Lab	15.7810, 23.9687, 9.1728

Details

The YUV color **33.8170, -12.2348, 51.0265** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **67.1830, 12.2348, -51.0265**, and the grayscale version is **34.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **86.6880, -16.6082, 53.7706**, and **12.0740, -5.4595, 24.4911** is the 20% darker color. If you saturate the color by 10%, you get **27.5080, -13.5614, 56.5595**, and if you desaturate by 10%, it is **40.1260, -10.9081, 45.4935**.

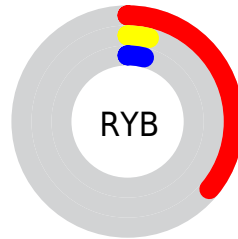
Distribution



Red (36%)

Green (4%)

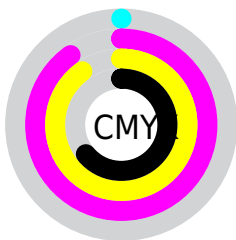
Blue (4%)



Red (36%)

Yellow (4%)

Blue (4%)

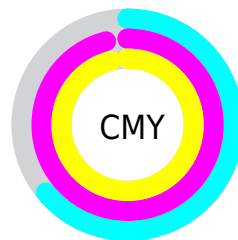


Cyan (0%)

Magenta (90%)

Yellow (90%)

Black (64%)



Cyan (64%)

Magenta (96%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 33.8170, -12.2348, 51.0265 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 33.8170, -12.2348, 51.0265 by changing the saturation by 10% instead.

■ 33.8170, -12.2348,
51.0265

■ 33.8170, -12.2348,
51.0265

■ 250.1440, -8.4520,
4.2587

■ 19.4350, -9.5815,
39.9605

■ 86.6880, -16.6082,
53.7706

■ 12.0740, -5.4595,
24.4911

■ 112.6560,
-18.0714, 56.4297

■ 0.0000, 0.0000,
0.0000


■ 139.6240,
-19.5346, 59.0888


■ 166.7060,
-20.5611, 61.6478


■ 190.9010,
-19.6712, 56.2148


■ 209.7140,


-16.1280, 39.7158

 229.9290,
-12.2900, 21.9873

 33.8170, -12.2348,
51.0265


 33.8170, -12.2348,
51.0265


 27.5080, -13.5614,
56.5595

 40.1260, -10.9081,
45.4935

 46.4350, -9.5815,
39.9605

 53.4450, -8.1074,
33.8127

 59.7540, -6.7807,
28.2797

 66.0630, -5.4541,
22.7467

■ 72.3720, -4.1274,
17.2138

■ 78.6810, -2.8007,
11.6808

■ 85.6910, -1.3267,
5.5330

■ 92.0000, 0.0000,
0.0000

Harmonies

Analogous

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



33.1930, 4.3419, 54.2047



33.8170, -12.2348, 51.0265



40.9210, -20.1741, 30.7643

Triad

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



33.8170, -12.2348, 51.0265



33.7670, -10.2381, -29.6137



39.6730, 32.6992, -34.7932

Complementary

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



33.8170, -12.2348, 51.0265



67.1830, 12.2348, -51.0265

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.



42.9840, 27.6159, -37.6970



33.8170, -12.2348, 51.0265



38.2300, 4.3236, -33.5277

Square

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



33.8170, -12.2348, 51.0265



35.9170, -17.7071, -13.9592



41.6500, 17.4276, -36.5270



43.4710, 25.8968, 0.4639

Rectangle

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



33.8170, -12.2348, 51.0265



41.7190, -20.5675, 16.9094



41.6500, 17.4276, -36.5270



41.4340, 31.8310, -36.3376

Sweetspot

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



33.8170, -12.2348, 51.0265



96.8670, -4.8644, 20.2876



43.2790, 24.0195, 42.7283



47.6810, -2.8007, 11.6808



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



33.8170, -12.2348, 51.0265



35.8800, -17.6888, 73.7732



58.4710, -24.3892, 29.4049



42.4950, -0.7370, 3.0739



32.8900, -16.2148, 67.6255



70.8630, -34.9355, 145.7021

Inverse Universe

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



67.1830, 12.2348, -51.0265



84.1200, 17.6888, -73.7732



43.1160, 24.0998, -29.9197



44.5050, 0.7370, -3.0739



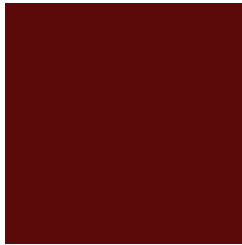
77.1100, 16.2148, -67.6255



166.1370, 34.9355, -145.7021

Previews

White Background



This preview shows how the YUV color 33.8170, -12.2348, 51.0265 looks on a white background.

Color Contrast Check

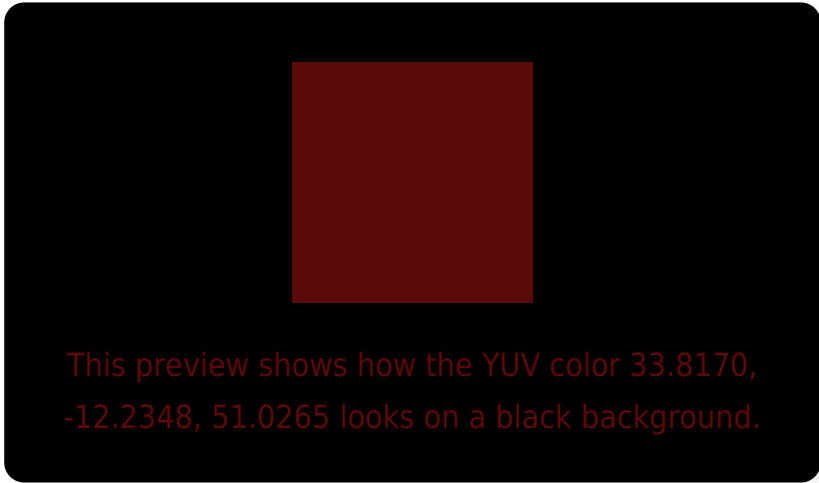
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

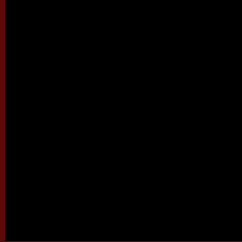
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 33.8170, -12.2348, 51.0265

Background



This preview shows how black text looks on a background with the YUV color 33.8170, -12.2348, 51.0265.

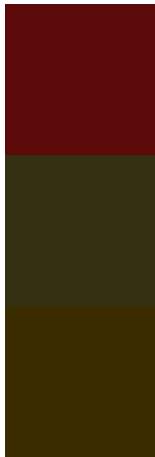


This preview shows how white text looks on a background with the YUV color 33.8170, -12.2348,

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

33.8170, -12.2348, 51.0265

Protanopia

45.0750, -13.8410, 6.0732

Deuteranopia

43.4690, -21.4302, 13.6207



Tritanopia

33.4750, -13.5452, 51.3264

Trichromacy



Original Color

33.8170, -12.2348, 51.0265

Protanomaly

41.0000, -13.3110, 22.8020

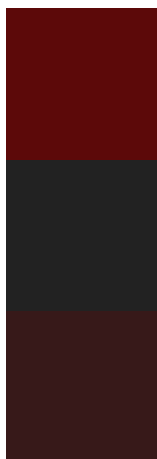
Deuteranomaly

39.7680, -18.1266, 27.3905

Tritanomaly

33.5890, -13.1084, 51.2264

Monochromacy



Original Color

33.8170, -12.2348, 51.0265

Achromatopsia

34.0000, 0.0000, 0.0000

Achromatomaly

33.9700, -4.4222, 18.4433

CSS Examples

Text

The CSS property to change the color of the text to YUV 33.8170, -12.2348, 51.0265 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(92, 9, 9)` looks like.

```
.text, #text, p{  
    color:rgb(92, 9, 9)  
}
```

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(92, 9, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 9, 9) }
```

Border

The CSS property to change the border of an element to YUV 33.8170, -12.2348, 51.0265 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(92, 9, 9) }
```


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

```
.border{ border-color:rgb(92, 9, 9) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 9, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 9, 9); -webkit-box-shadow:4px  
4px 4px 4px rgb(92, 9, 9); box-shadow:4px  
4px 4px 4px rgb(92, 9, 9) }
```

Background

The CSS property to change the background color of an element to YUV 33.8170, -12.2348, 51.0265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 9, 9) }
```

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

```
.background{ background-color: rgb(92, 9,  
9) }
```

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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