

Converting Colors

YUV(118.7060, -33.8721,
84.4498)

Have a look what the booklet for
YUV(118.7060, -33.8721, 84.4498)
contains.

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Color

**YUV(118.7060, -33.8721,
84.4498)**

Conversions

Conversions Part 1

Format	Color
Hex	D75332
RGB	215, 83, 50
RGB Percent	84%, 33%, 20%
CMY	0.1569, 0.6745, 0.8039
CMYK	0.00, 0.61, 0.77, 0.16
HSL	12°, 67%, 52%
HSV	12°, 77%, 84%
XYZ	31.6933, 20.8639, 5.3743
YIQ	118.7060, 89.2650, 17.7210

Conversions

Conversions Part 2

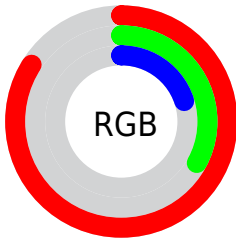
Format	Color
RYB	215, 91, 50
Decimal	14111538
CIELab	52.80, 50.17, 45.26
CIELCh	53, 67.565, 42.054
Yxy	20.8639, 0.5471, 0.3601
Android (android.graphics.Color)	4292301618 (0xFFD75332)
YUV	118.7060, -33.8721, 84.4498
Hunter-Lab	45.6770, 43.9188, 24.9979

Details

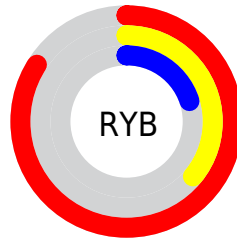
The YUV color **118.7060, -33.8721, 84.4498** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **146.2940, 33.8721, -84.4498**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.8360, -34.4291, 76.4428**, and **60.6500, -28.9144, 80.9909** is the 20% darker color. If you saturate the color by 10%, you get **106.2190, -38.5620, 95.4009**, and if you desaturate by 10%, it is **131.0790, -29.6189, 73.5987**.

Distribution



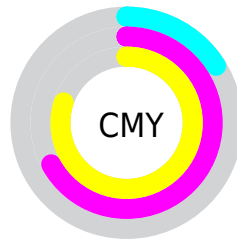
- Red (84%)
- Green (33%)
- Blue (20%)



- Red (84%)
- Yellow (36%)
- Blue (20%)



- Cyan (0%)
- Magenta (61%)
- Yellow (77%)
- Black (16%)



- Cyan (16%)
- Magenta (67%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.7060, -33.8721, 84.4498 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 118.7060, -33.8721, 84.4498 by changing the saturation by 10% instead.

■ 118.7060,
-33.8721, 84.4498

■ 118.7060,
-33.8721, 84.4498

■ 255.0000, 0.0000,
0.0000

■ 90.9660, -31.5352,
81.5908

■ 167.8360,
-34.4291, 76.4428

■ 60.6500, -28.9144,
80.9909

■ 187.2360,
-31.1753, 59.4290

■ 36.4780, -17.9837,
75.0028

■ 206.6360,
-27.9215, 42.4152

■ 27.5080, -13.5614,
56.5595

■ 226.7370,
-24.5203, 24.7867

■ 19.2500, -8.9972,
39.2458

■ 246.9520,
-20.6823, 7.0581

■ 9.9810, -4.4276,
20.1877

■ 252.4920, -9.6096,

■ 0.0000, 0.0000,

2.1995

0.0000

■ 118.7060,
-33.8721, 84.4498

■ 118.7060,
-33.8721, 84.4498

■ 106.2190,
-38.5620, 95.4009

■ 131.0790,
-29.6189, 73.5987

■ 93.8460, -42.8151,
106.2521

■ 143.5660,
-24.9290, 62.6476

■ 89.5260, -44.1363,
110.0407

■ 156.6400,
-20.5285, 51.1817

■ 169.0130,
-16.2754, 40.3306

■ 181.5000,
-11.5855, 29.3795

■ 193.8730, -7.3324,
18.5284

■ 206.3600, -2.6425,
7.5773

■ 219.3200, 1.3212,
-3.7886

■ 231.6930, 5.5744,
-14.6398

Harmonies

Analogous

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



115.9490, -5.3979, 98.2687



118.7060, -33.8721, 84.4498



118.3900, -58.3663, 54.0320

Triad

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



118.7060, -33.8721, 84.4498



98.0820, -4.9704, -86.0179



100.8490, 69.0944, -88.4446

Complementary

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



118.7060, -33.8721, 84.4498



146.2940, 33.8721, -84.4498

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.



110.3720, 62.4276, -96.7962



118.7060, -33.8721, 84.4498



106.2100, 21.0955, -93.1462

Square

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



118.7060, -33.8721, 84.4498



105.4430, -39.1654, -38.0995



111.1920, 45.2613, -97.5154



129.3380, 41.2454, 24.2596

Rectangle

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



118.7060, -33.8721, 84.4498



117.6270, -57.9901, 26.6371



111.1920, 45.2613, -97.5154



105.1860, 67.9423, -92.2481

Sweetspot

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



118.7060, -33.8721, 84.4498



220.6850, -12.1697, 30.0943



114.3830, 33.3352, 88.2411



106.8730, -7.3324, 18.5284



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.



118.7060, -33.8721, 84.4498



117.8540, -48.2420, 120.2770



167.4270, -57.8915, 41.7215



101.0500, -2.4896, 5.2182



71.0870, -35.0459, 87.6237



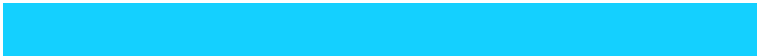
18.1400, -8.9430, 21.8022

Inverse Universe

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



146.2940, 33.8721, -84.4498



157.1460, 48.2420, -120.2770



97.5730, 57.8915, -41.7215



102.5370, 2.2003, -5.7329



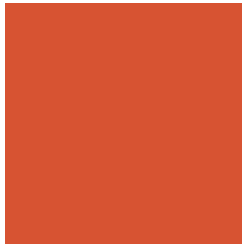
99.9130, 35.0459, -87.6237



25.4470, 8.6536, -22.3170

Previews

White Background



This preview shows how the YUV color 118.7060, -33.8721, 84.4498 looks on a white 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

Black Background



This preview shows how the YUV color 118.7060, -33.8721, 84.4498 looks on a black 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

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

YUV 118.7060, -33.8721, 84.4498

Background



This preview shows how black text looks on a background with the YUV color 118.7060, -33.8721, 84.4498.



This preview shows how white text looks on a background with the YUV color 118.7060, -33.8721, 84.4498.

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

118.7060, -33.8721, 84.4498

Protanopia

123.5910, -29.8714, 14.3907

Deuteranopia

122.2420, -40.5453, 31.3598



Tritanopia

120.5330, -18.0108, 83.7246

Trichromacy



Original Color

118.7060, -33.8721, 84.4498

Protanomaly

121.7020, -31.4051, 39.7263

Deuteranomaly

121.3460, -38.1316, 50.5626

Tritanomaly

119.7520, -23.5417, 84.4095

Monochromacy



Original Color

118.7060, -33.8721, 84.4498

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

118.9840, -12.3171, 30.7090

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.7060, -33.8721, 84.4498 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(215, 83, 50)` looks like.

```
.text, #text, p{  
    color:rgb(215, 83, 50)  
}
```

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(215, 83, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 83, 50) }
```

Border

The CSS property to change the border of an element to YUV 118.7060, -33.8721, 84.4498 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(215, 83, 50) }
```


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

```
.border{ border-color:rgb(215, 83, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 83, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 83, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 83, 50);  
box-shadow:4px 4px 4px 4px rgb(215, 83,  
50) }
```

Background

The CSS property to change the background color of an element to YUV 118.7060, -33.8721, 84.4498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 83, 50) }
```

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

```
.background{ background-color: rgb(215, 83,  
50) }
```

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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