

Converting Colors

YUV(100.8310, -33.4407,
86.0942)

Have a look what the booklet for
YUV(100.8310, -33.4407, 86.0942)
contains.

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Color

**YUV(100.8310, -33.4407,
86.0942)**

Conversions

Conversions Part 1

Format	Color
Hex	C74021
RGB	199, 64, 33
RGB Percent	78%, 25%, 13%
CMY	0.2196, 0.7490, 0.8706
CMYK	0.00, 0.68, 0.83, 0.22
HSL	11°, 72%, 45%
HSV	11°, 83%, 78%
XYZ	25.6611, 15.9187, 3.1590
YIQ	100.8310, 90.4110, 18.9790

Conversions

Conversions Part 2

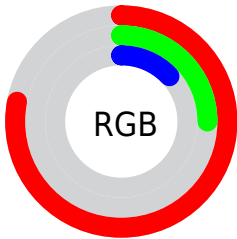
Format	Color
R_{YB}	199, 71, 33
Decimal	13058081
CIE _{Lab}	46.87, 52.18, 46.94
CIE _{LCh}	47, 70.182, 41.974
Yxy	15.9187, 0.5736, 0.3558
Android (android.graphics.Color)	4291248161 (0xFFC74021)
YUV	100.8310, -33.4407, 86.0942
Hunter-Lab	39.8983, 44.9827, 23.2345

Details

The YUV color **100.8310, -33.4407, 86.0942** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **131.1690, 33.4407, -86.0942**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.3320, -36.6457, 87.4088**, and **40.9630, -20.1948, 84.2244** is the 20% darker color. If you saturate the color by 10%, you get **89.1590, -37.5464, 96.3306**, and if you desaturate by 10%, it is **112.5030, -29.3350, 75.8579**.

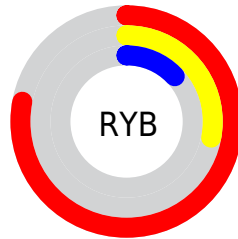
Distribution



Red (78%)

Green (25%)

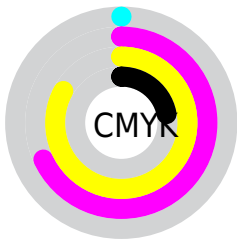
Blue (13%)



Red (78%)

Yellow (28%)

Blue (13%)

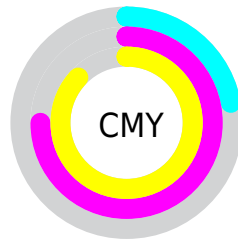


Cyan (0%)

Magenta (68%)

Yellow (83%)

Black (22%)



Cyan (22%)

Magenta (75%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 100.8310, -33.4407, 86.0942 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 100.8310, -33.4407, 86.0942 by changing the saturation by 10% instead.

■ 100.8310,
-33.4407, 86.0942

■ 100.8310,
-33.4407, 86.0942

■ 255.0000, 0.0000,
0.0000

■ 71.1020, -31.1093,
84.9795

■ 155.3320,
-36.6457, 87.4088

■ 40.9630, -20.1948,
84.2244

■ 174.0310,
-33.5393, 71.0098

■ 31.6940, -15.6251,
65.1664

■ 193.3170,
-30.7223, 54.0960

■ 22.7240, -11.2029,
46.7231

■ 213.4180,
-27.3211, 36.4674

■ 14.8790, -6.3493,
29.9241

■ 233.5190,
-23.9199, 18.8388

■ 0.0000, 0.0000,
0.0000

■ 250.2120,

-18.3455, 4.1991

253.5180, -5.6784,
1.2997

100.8310,
-33.4407, 86.0942

100.8310,
-33.4407, 86.0942

89.1590, -37.5464,
96.3306

112.5030,
-29.3350, 75.8579

81.2200, -40.0415,
103.2931

124.1750,
-25.2293, 65.6215

136.4340,
-21.4130, 54.8704

148.1060,
-17.3073, 44.6340

159.7780,
-13.2016, 34.3977

■ 171.3360, -9.5326,
24.2613

■ 183.0080, -5.4269,
14.0250

■ 194.6800, -1.3212,
3.7886

■ 206.9390, 2.4951,
-6.9625

Harmonies

Analogous

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



92.7310, -1.3464, 105.4759



100.8310, -33.4407, 86.0942



104.5020, -51.5195, 51.3027

Triad

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



100.8310, -33.4407, 86.0942



86.8660, -7.3289, -76.1815



91.1490, 67.4675, -79.9377

Complementary

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



100.8310, -33.4407, 86.0942



131.1690, 33.4407, -86.0942

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.



100.6720, 60.8007, -88.2893



100.8310, -33.4407, 86.0942



95.1080, 19.1738, -83.4097

Square

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



100.8310, -33.4407, 86.0942



86.7970, -42.7909, -41.9180



100.7910, 43.4870, -88.3937



113.0930, 42.8452, 24.4744

Rectangle

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



100.8310, -33.4407, 86.0942



104.0380, -51.2907, 24.5227



100.7910, 43.4870, -88.3937



95.4860, 66.3154, -83.7412

Sweetspot

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



100.8310, -33.4407, 86.0942



217.1800, -12.9067, 33.1681



98.1380, 34.9350, 88.4560



104.7700, -7.7746, 20.3727



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.



100.8310, -33.4407, 86.0942



104.4210, -51.4796, 132.0578



148.9650, -57.1707, 43.8807



93.2780, -1.6161, 5.0182



66.3470, -32.7091, 84.7647



14.8730, -7.3324, 18.5284

Inverse Universe

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



131.1690, 33.4407, -86.0942



150.5790, 51.4796, -132.0578



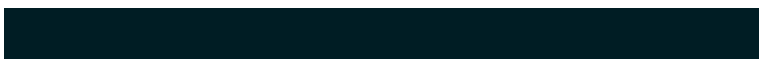
83.0350, 57.1707, -43.8807



95.7220, 1.6161, -5.0182



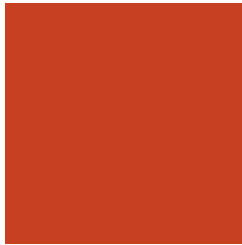
96.6530, 32.7091, -84.7647



21.1270, 7.3324, -18.5284

Previews

White Background



This preview shows how the YUV color 100.8310, -33.4407, 86.0942 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 100.8310, -33.4407, 86.0942 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

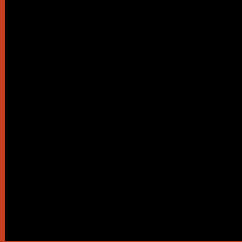
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 100.8310, -33.4407, 86.0942

Background



This preview shows how black text looks on a background with the YUV color 100.8310, -33.4407, 86.0942.



This preview shows how white text looks on a background with the YUV color 100.8310, -33.4407,

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

100.8310, -33.4407, 86.0942

Protanopia

108.2490, -31.1818, 14.6906

Deuteranopia

106.2050, -44.4711, 30.5152



Tritanopia

102.9030, -19.1792, 85.1541

Trichromacy



Original Color

100.8310, -33.4407, 86.0942

Protanomaly

105.8870, -31.9893, 40.4411

Deuteranomaly

104.3630, -40.6050, 50.5476

Tritanomaly

102.2360, -24.2733, 85.7390

Monochromacy



Original Color

100.8310, -33.4407, 86.0942

Achromatopsia

101.0000, 0.0000, 0.0000

Achromatomaly

101.2830, -12.4645, 31.3238

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.8310, -33.4407, 86.0942 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(199, 64, 33)` looks like.

```
.text, #text, p{  
    color:rgb(199, 64, 33)  
}
```

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(199, 64, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 64, 33) }
```

Border

The CSS property to change the border of an element to YUV 100.8310, -33.4407, 86.0942 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(199, 64, 33) }
```


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

```
.border{ border-color:rgb(199, 64, 33) }
```

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

Here you see how a box with a 4 pixel rgb(199, 64, 33) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 64, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 64, 33);  
box-shadow:4px 4px 4px 4px rgb(199, 64,  
33) }
```

Background

The CSS property to change the background color of an element to YUV 100.8310, -33.4407, 86.0942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 64, 33) }
```

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

```
.background{ background-color: rgb(199, 64,  
33) }
```

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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