

Converting Colors

YUV(85.3910, -33.2238,
16.3201)

Have a look what the booklet for
YUV(85.3910, -33.2238, 16.3201)
contains.

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Color

**YUV(85.3910, -33.2238,
16.3201)**

Conversions

Conversions Part 1

Format	Color
Hex	685912
RGB	104, 89, 18
RGB Percent	41%, 35%, 7%
CMY	0.5922, 0.6510, 0.9294
CMYK	0.00, 0.14, 0.83, 0.59
HSL	50°, 70%, 24%
HSV	50°, 83%, 41%
XYZ	9.3905, 10.1315, 2.0329
YIQ	85.3910, 31.7310, -18.9010

Conversions

Conversions Part 2

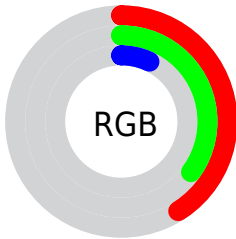
Format	Color
R_{YB}	36, 104, 18
Decimal	6838546
CIE _{Lab}	38.08, -1.95, 40.18
CIE _{LCh}	38, 40.226, 92.773
Yxy	10.1315, 0.4357, 0.4700
Android (android.graphics.Color)	4285028626 (0xFF685912)
YUV	85.3910, -33.2238, 16.3201
Hunter-Lab	31.8300, -3.0415, 18.4943

Details

The YUV color **85.3910, -33.2238, 16.3201** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **36.6090, 33.2238, -16.3201**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.4730, -34.2502, 18.8792**, and **41.6750, -20.5458, 9.9320** is the 20% darker color. If you saturate the color by 10%, you get **83.0770, -37.0130, 18.3495**, and if you desaturate by 10%, it is **87.7050, -29.4346, 14.2907**.

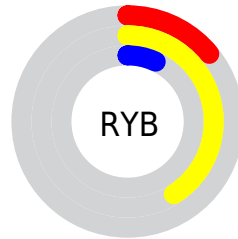
Distribution



Red (41%)

Green (35%)

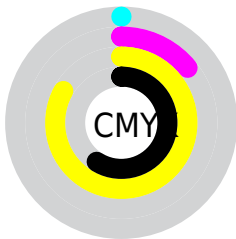
Blue (7%)



Red (14%)

Yellow (41%)

Blue (7%)

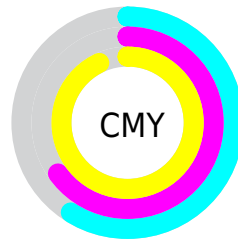


Cyan (0%)

Magenta (14%)

Yellow (83%)

Black (59%)



Cyan (59%)

Magenta (65%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.3910, -33.2238, 16.3201 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 85.3910, -33.2238, 16.3201 by changing the saturation by 10% instead.

85.3910, -33.2238,
16.3201

85.3910, -33.2238,
16.3201

255.0000, 0.0000,
0.0000

62.0640, -30.5976,
13.9759

136.4730,
-34.2502, 18.8792

41.6750, -20.5458,
9.9320

162.9570,
-34.9818, 20.2087

22.7590, -11.2202,
5.4734

190.4410,
-35.7134, 21.5382

0.0000, 0.0000,
0.0000

218.5120,
-36.7344, 22.3530

241.3150,
-34.6653, 12.0017

248.6160,

-24.4607, 5.5988

■ 251.8080,
-12.2303, 2.7994

■ 85.3910, -33.2238,
16.3201

■ 85.3910, -33.2238,
16.3201

■ 83.0770, -37.0130,
18.3495

■ 87.7050, -29.4346,
14.2907

■ 81.5780, -40.2180,
19.6641

■ 90.1330, -25.2086,
12.1614

■ 91.8600, -21.1300,
10.6468

■ 94.2880, -16.9040,
8.5174

■ 96.6020, -13.1148,
6.4880

■ 98.9160, -9.3256,
4.4587

■ 101.3440, -5.0996,
2.3293

■ 103.6580, -1.3104,
0.2999

■ 105.4990, 3.2050,
-1.3146

Harmonies

Analogous

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



87.6030, -27.9053, 37.1822



85.3910, -33.2238, 16.3201



82.2890, -25.2855, -9.9005

Triad

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



85.3910, -33.2238, 16.3201



75.7710, 23.7769, -66.4512



91.5910, 14.0056, 34.5617

Complementary

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



85.3910, -33.2238, 16.3201



36.6090, 33.2238, -16.3201

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.



91.5960, 26.3282, 2.1083



85.3910, -33.2238, 16.3201



76.0450, 34.9808, -66.6915

Square

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



85.3910, -33.2238, 16.3201



72.1230, 9.7994, -63.2519



74.6640, 39.6056, -56.7103



88.9170, -0.4521, 51.8158

Rectangle

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



85.3910, -33.2238, 16.3201



77.6050, -14.5953, -32.1026



74.6640, 39.6056, -56.7103



92.2740, 18.1059, 26.0697

Sweetspot

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



85.3910, -33.2238, 16.3201



127.6020, -13.1148, 6.4880



45.5380, -5.6882, 51.2712



64.2580, -8.0152, 4.1587



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



85.3910, -33.2238, 16.3201



106.2230, -51.8749, 25.2374



86.1230, -33.5846, -8.0009



49.8430, -1.8946, 1.0147



90.1500, -44.4439, 21.7935



189.7580, -93.5507, 45.8162

Inverse Universe

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



36.6090, 33.2238, -16.3201



30.3640, 51.5855, -25.7522



35.8770, 33.5846, 8.0009



47.1570, 1.8946, -1.0147



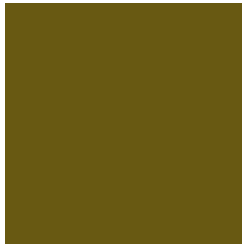
24.8500, 44.4440, -21.7934



52.2420, 93.5507, -45.8162

Previews

White Background



This preview shows how the YUV color 85.3910, -33.2238, 16.3201 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 85.3910, -33.2238, 16.3201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

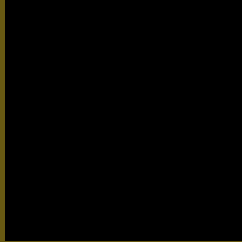
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 85.3910, -33.2238, 16.3201

Background



This preview shows how black text looks on a background with the YUV color 85.3910, -33.2238, 16.3201.



This preview shows how white text looks on a background with the YUV color 85.3910, -33.2238,

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

85.3910, -33.2238, 16.3201

Protanopia

85.0810, -33.0709, 13.9610

Deuteranopia

85.9620, -32.5193, 23.7123



Tritanopia

91.4580, -1.2118, 15.3843

Trichromacy



Original Color

85.3910, -33.2238, 16.3201

Protanomaly

85.3800, -33.2183, 14.5757

Deuteranomaly

85.5380, -32.8032, 21.4532

Tritanomaly

89.0700, -12.8525, 15.7246

Monochromacy



Original Color

85.3910, -33.2238, 16.3201

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

84.9440, -11.8044, 6.1881

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.3910, -33.2238, 16.3201 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(104, 89, 18)` looks like.

```
.text, #text, p{  
    color:rgb(104, 89, 18)  
}
```

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(104, 89, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 89, 18) }
```

Border

The CSS property to change the border of an element to YUV 85.3910, -33.2238, 16.3201 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(104, 89, 18) }
```


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

```
.border{ border-color:rgb(104, 89, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 89, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 89, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 89, 18);  
box-shadow:4px 4px 4px 4px rgb(104, 89,  
18) }
```

Background

The CSS property to change the background color of an element to YUV 85.3910, -33.2238, 16.3201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 89, 18) }
```

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

```
.background{ background-color: rgb(104, 89,  
18) }
```

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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