

Converting Colors

YUV(150.6710, -58.0118,
33.6145)

Have a look what the booklet for
YUV(150.6710, -58.0118, 33.6145)
contains.

YUV(150.6710, -58.0118, 33.6145)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(150.6710, -58.0118,
33.6145)**

Conversions

Conversions Part 1

Format	Color
Hex	BD9A21
RGB	189, 154, 33
RGB Percent	74%, 60%, 13%
CMY	0.2588, 0.3961, 0.8706
CMYK	0.00, 0.19, 0.83, 0.26
HSL	47°, 70%, 44%
HSV	47°, 83%, 74%
XYZ	32.8164, 34.0398, 6.2796
YIQ	150.6710, 59.7010, -30.2110

Conversions

Conversions Part 2

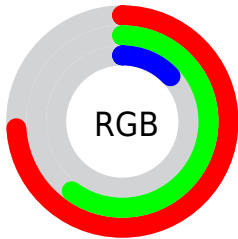
Format	Color
R_{YB}	78, 189, 33
Decimal	12425761
CIE _{Lab}	64.99, 1.66, 62.37
CIE _{LCh}	65, 62.395, 88.479
Yxy	34.0398, 0.4487, 0.4654
Android (android.graphics.Color)	4290615841 (0xFFBD9A21)
YUV	150.6710, -58.0118, 33.6145
Hunter-Lab	58.3437, -1.7010, 34.4591

Details

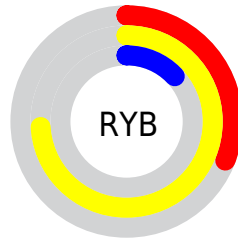
The YUV color **150.6710, -58.0118, 33.6145** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **71.3290, 58.0118, -33.6145**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.8070, -57.5859, 37.0033**, and **99.6300, -49.1176, 27.5115** is the 20% darker color. If you saturate the color by 10%, you get **146.1570, -65.1534, 37.5733**, and if you desaturate by 10%, it is **155.1850, -50.8702, 29.6558**.

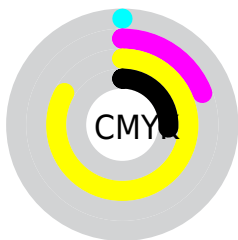
Distribution



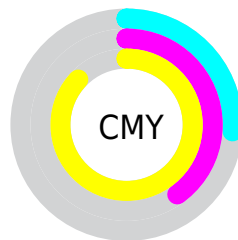
- Red (74%)
- Green (60%)
- Blue (13%)



- Red (31%)
- Yellow (74%)
- Blue (13%)



- Cyan (0%)
- Magenta (19%)
- Yellow (83%)
- Black (26%)



- Cyan (26%)
- Magenta (40%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 150.6710, -58.0118, 33.6145 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 150.6710, -58.0118, 33.6145 by changing the saturation by 10% instead.

■ 150.6710,
-58.0118, 33.6145

■ 150.6710,
-58.0118, 33.6145

■ 255.0000, 0.0000,
0.0000

■ 122.9760,
-60.6272, 32.4700

■ 206.8070,
-57.5859, 37.0033

■ 99.6300, -49.1176,
27.5115

■ 228.1150,
-54.7797, 23.5781

■ 78.0560, -38.4816,
22.7529

■ 242.3460,
-48.4846, 11.0976

■ 56.1830, -27.6982,
17.3795

■ 245.5380,
-36.2542, 8.2982

■ 36.0820, -17.7884,
12.2061

■ 248.7300,
-24.0239, 5.4988

■ 16.2800, -8.0260,
7.6474

■ 252.0360,

■ 0.0000, 0.0000,

-11.3567, 2.5994

0.0000

■ 150.6710,
-58.0118, 33.6145

■ 150.6710,
-58.0118, 33.6145

■ 146.1570,
-65.1534, 37.5733

■ 155.1850,
-50.8702, 29.6558

■ 142.8000,
-70.4004, 40.5174

■ 159.6990,
-43.7286, 25.6970

■ 164.8000,
-36.8764, 21.2234

■ 169.3140,
-29.7348, 17.2646

■ 173.8280,
-22.5932, 13.3058

■ 178.2280,
-15.8884, 9.4470

■ 183.3290, -9.0362,
4.9735

■ 187.8430, -1.8946,
1.0147

■ 192.3570, 5.2470,
-2.9441

Harmonies

Analogous

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



153.8060, -45.7534, 68.5761



150.6710, -58.0118, 33.6145



145.5560, -47.1091, -10.1346

Triad

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



150.6710, -58.0118, 33.6145



131.8340, 38.0428, -115.6184



161.8550, 27.1865, 53.6242

Complementary

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



150.6710, -58.0118, 33.6145



71.3290, 58.0118, -33.6145

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.



159.3450, 47.1579, -5.5646



150.6710, -58.0118, 33.6145



133.2140, 58.5615, -116.8287

Square

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



150.6710, -58.0118, 33.6145



125.4500, 13.5822, -110.0196



125.9250, 63.6340, -110.4362



156.4620, 3.2232, 86.4178

Rectangle

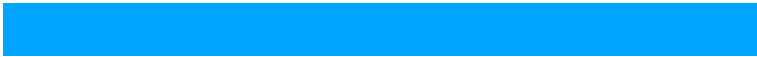
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



150.6710, -58.0118, 33.6145



138.6190, -29.3922, -46.1469



125.9250, 63.6340, -110.4362



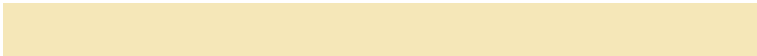
162.5800, 34.2241, 36.3253

Sweetspot

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



150.6710, -58.0118, 33.6145



229.8280, -22.5932, 13.3058



83.7480, -7.2708, 92.3060



113.2000, -13.4096, 7.7176



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



150.6710, -58.0118, 33.6145



185.0130, -90.2254, 52.6086



158.6580, -61.9494, -10.2241



91.8000, -3.3524, 1.9294



119.4430, -58.8854, 33.8145



23.3570, -11.5150, 6.7029

Inverse Universe

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



71.3290, 58.0118, -33.6145



61.9870, 90.2254, -52.6086



63.3420, 61.9494, 10.2241



87.2000, 3.3524, -1.9294



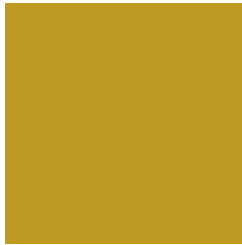
38.5570, 58.8854, -33.8145



7.6430, 11.5150, -6.7029

Previews

White Background



This preview shows how the YUV color 150.6710, -58.0118, 33.6145 looks on a white background.

Color Contrast Check

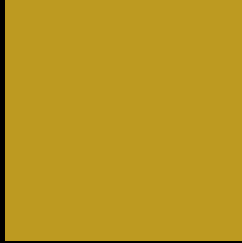
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 150.6710, -58.0118, 33.6145 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 ✓ Pass

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

YUV 150.6710, -58.0118, 33.6145

Background



This preview shows how black text looks on a background with the YUV color 150.6710, -58.0118, 33.6145.



This preview shows how white text looks on a background with the YUV color 150.6710, -58.0118,

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

150.6710, -58.0118, 33.6145

Protanopia

149.8440, -57.1111, 24.6928

Deuteranopia

151.5410, -57.4547, 41.6215



Tritanopia

160.4000, -3.1552, 32.0982

Trichromacy



Original Color

150.6710, -58.0118, 33.6145

Protanomaly

150.4530, -57.4113, 27.6667

Deuteranomaly

150.8180, -57.5913, 38.7476

Tritanomaly

156.8350, -23.0897, 32.5937

Monochromacy



Original Color

150.6710, -58.0118, 33.6145

Achromatopsia

151.0000, 0.0000, 0.0000

Achromatomaly

150.8710, -21.1354, 12.3911

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.6710, -58.0118, 33.6145 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(189, 154, 33)` looks like.

```
.text, #text, p{  
    color:rgb(189, 154, 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(189, 154, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 154, 33) }
```

Border

The CSS property to change the border of an element to YUV 150.6710, -58.0118, 33.6145 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(189, 154, 33) }
```


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

```
.border{ border-color:rgb(189, 154, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 154, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 154, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 154, 33);  
box-shadow:4px 4px 4px 4px rgb(189, 154,  
33) }
```

Background

The CSS property to change the background color of an element to YUV 150.6710, -58.0118, 33.6145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 154, 33) }
```

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

```
.background{ background-color: rgb(189,  
154, 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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