

Converting Colors

YUV(132.0470, -58.1972,
46.4398)

Have a look what the booklet for
YUV(132.0470, -58.1972, 46.4398)
contains.

YUV(132.0470, -58.1972, 46.4398)	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(132.0470, -58.1972,
46.4398)**

Conversions

Conversions Part 1

Format	Color
Hex	B9800E
RGB	185, 128, 14
RGB Percent	73%, 50%, 5%
CMY	0.2745, 0.4980, 0.9451
CMYK	0.00, 0.31, 0.92, 0.27
HSL	40°, 86%, 39%
HSV	40°, 92%, 73%
XYZ	27.8060, 25.7843, 3.9268
YIQ	132.0470, 70.5660, -23.3700

Conversions

Conversions Part 2

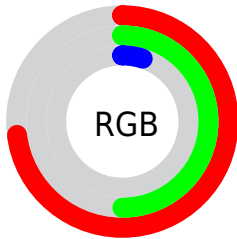
Format	Color
R _Y B	100, 185, 14
Decimal	12156942
CIE Lab	57.83, 13.68, 61.22
CIE LCh	58, 62.729, 77.402
Yxy	25.7843, 0.4834, 0.4483
Android (android.graphics.Color)	4290347022 (0xFFB9800E)
YUV	132.0470, -58.1972, 46.4398
Hunter-Lab	50.7783, 8.8840, 30.9598

Details

The YUV color **132.0470, -58.1972, 46.4398** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **66.9530, 58.1972, -46.4398**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.2370, -56.3188, 50.6582**, and **84.3460, -41.5826, 37.4076** is the 20% darker color. If you saturate the color by 10%, you get **127.5160, -62.8654, 50.4135**, and if you desaturate by 10%, it is **137.7350, -51.6344, 41.4514**.

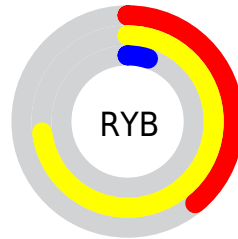
Distribution



Red (73%)

Green (50%)

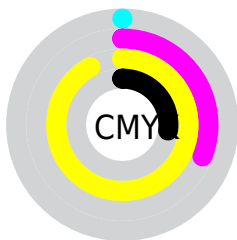
Blue (5%)



Red (39%)

Yellow (73%)

Blue (5%)

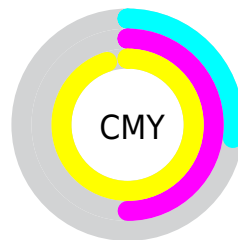


Cyan (0%)

Magenta (31%)

Yellow (92%)

Black (27%)



Cyan (27%)

Magenta (50%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 132.0470, -58.1972, 46.4398 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 132.0470, -58.1972, 46.4398 by changing the saturation by 10% instead.

■ 132.0470,
-58.1972, 46.4398

■ 132.0470,
-58.1972, 46.4398

■ 255.0000, 0.0000,
0.0000

■ 106.8060,
-52.6554, 42.2661

■ 188.2370,
-56.3188, 50.6582

■ 84.3460, -41.5826,
37.4076

■ 209.8550,
-53.6655, 39.5922

■ 62.1740, -30.6518,
31.4194

■ 229.3690,
-49.9749, 22.4784

■ 41.4750, -20.4472,
25.0164

■ 243.6000,
-43.6798, 9.9978

■ 21.9610, -10.8268,
19.3282

■ 246.7920,
-31.4495, 7.1984

■ 3.2890, -1.6215,
6.7625

■ 250.0980,

■ 0.0000, 0.0000,

-18.7823, 4.2991

0.0000

253.4040, -6.1152,
1.3997

132.0470,
-58.1972, 46.4398

132.0470,
-58.1972, 46.4398

127.5160,
-62.8654, 50.4135

137.7350,
-51.6344, 41.4514

143.3090,
-45.5083, 36.5630

149.4700,
-39.6717, 31.1598

155.1580,
-33.1089, 26.1714

160.7320,
-26.9829, 21.2830

■ 166.4200,
-20.4201, 16.2947

■ 172.1080,
-13.8572, 11.3063

■ 177.6820, -7.7312,
6.4179

■ 183.9570, -1.4578,
0.9147

Harmonies

Analogous

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



134.4400, -37.1919, 75.9131



132.0470, -58.1972, 46.4398



127.5060, -57.9305, 7.4492

Triad

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



132.0470, -58.1972, 46.4398



116.2350, 26.5061, -101.9381



143.0850, 34.9611, 33.2515

Complementary

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



132.0470, -58.1972, 46.4398



66.9530, 58.1972, -46.4398

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.



133.3840, 54.5337, -38.0478



132.0470, -58.1972, 46.4398



119.4730, 49.0668, -104.7778

Square

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



132.0470, -58.1972, 46.4398



108.5630, 2.1874, -95.2098



117.2680, 63.4649, -102.8440



137.9260, 12.8545, 77.2409

Rectangle

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



132.0470, -58.1972, 46.4398



123.5910, -40.2244, -25.0743



117.2680, 63.4649, -102.8440



142.3860, 41.7147, 13.6935

Sweetspot

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



132.0470, -58.1972, 46.4398



218.8610, -22.6095, 18.5389



71.6270, -0.3091, 99.4281



107.1080, -13.8572, 11.3063



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



132.0470, -58.1972, 46.4398



165.6800, -81.6802, 65.1786



156.8350, -70.4177, -0.7323



89.2130, -3.0630, 2.4442



107.6920, -53.0922, 42.3661



19.5250, -9.6258, 7.4326

Inverse Universe

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



66.9530, 58.1972, -46.4398



74.3200, 81.6802, -65.1786



41.8660, 70.5651, 0.1175



85.7870, 3.0630, -2.4442



48.3080, 53.0922, -42.3661



8.4750, 9.6258, -7.4326

Previews

White Background



This preview shows how the YUV color 132.0470, -58.1972, 46.4398 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 132.0470, -58.1972, 46.4398 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 132.0470, -58.1972, 46.4398

Background



This preview shows how black text looks on a background with the YUV color 132.0470, -58.1972, 46.4398.



This preview shows how white text looks on a background with the YUV color 132.0470, -58.1972,

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

132.0470, -58.1972, 46.4398

Protanopia

131.1750, -55.7953, 22.6485

Deuteranopia

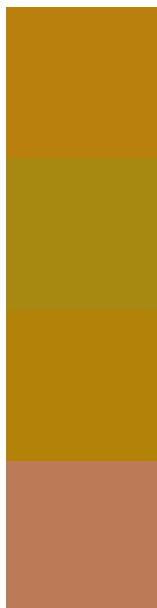
130.7920, -61.5225, 39.6474



Tritanopia

141.5540, -6.6821, 43.3641

Trichromacy



Original Color

132.0470, -58.1972, 46.4398

Protanomaly

131.7030, -56.5486, 30.9555

Deuteranomaly

131.4440, -60.3649, 41.7066

Tritanomaly

138.0430, -25.1642, 44.6893

Monochromacy



Original Color

132.0470, -58.1972, 46.4398

Achromatopsia

132.0000, 0.0000, 0.0000

Achromatomaly

132.1920, -21.2937, 16.4946

CSS Examples

Text

The CSS property to change the color of the text to YUV 132.0470, -58.1972, 46.4398 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(185, 128, 14)` looks like.

```
.text, #text, p{  
    color:rgb(185, 128, 14)  
}
```

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(185, 128, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 128, 14) }
```

Border

The CSS property to change the border of an element to YUV 132.0470, -58.1972, 46.4398 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(185, 128, 14) }
```


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

```
.border{ border-color:rgb(185, 128, 14) }
```

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

Here you see how a box with a 4 pixel rgb(185, 128, 14) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 128, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 128, 14);  
box-shadow:4px 4px 4px 4px rgb(185, 128,  
14) }
```

Background

The CSS property to change the background color of an element to YUV 132.0470, -58.1972, 46.4398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 128, 14) }
```

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

```
.background{ background-color: rgb(185,  
128, 14) }
```

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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