

Converting Colors

YUV(132.3330, -51.9292,
42.6810)

Have a look what the booklet for
YUV(132.3330, -51.9292, 42.6810)
contains.

YUV(132.3330, -51.9292, 42.6810)	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(132.3330, -51.9292,
42.6810)**

Conversions

Conversions Part 1

Format	Color
Hex	B5801B
RGB	181, 128, 27
RGB Percent	71%, 50%, 11%
CMY	0.2902, 0.4980, 0.8941
CMYK	0.00, 0.29, 0.85, 0.29
HSL	39°, 74%, 41%
HSV	39°, 85%, 71%
XYZ	26.9731, 25.3412, 4.5066
YIQ	132.3330, 64.0090, -20.1750

Conversions

Conversions Part 2

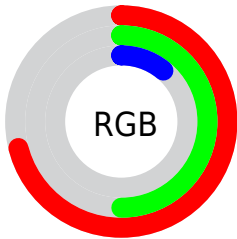
Format	Color
R_{YB}	108, 181, 27
Decimal	11894811
CIE Lab	57.41, 12.17, 57.38
CIE LCh	57, 58.657, 78.028
Yxy	25.3412, 0.4747, 0.4460
Android (android.graphics.Color)	4290084891 (0xFFB5801B)
YUV	132.3330, -51.9292, 42.6810
Hunter-Lab	50.3401, 7.5482, 29.9302

Details

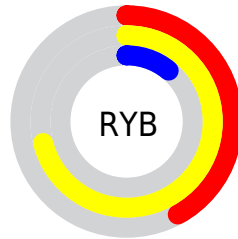
The YUV color **132.3330, -51.9292, 42.6810** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **75.6670, 51.9292, -42.6810**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.6540, -52.0874, 46.7844**, and **83.1500, -40.9930, 34.9484** is the 20% darker color. If you saturate the color by 10%, you get **126.7590, -58.0552, 47.5694**, and if you desaturate by 10%, it is **137.9070, -45.8032, 37.7926**.

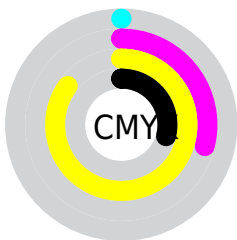
Distribution



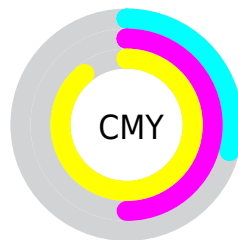
- Red (71%)
- Green (50%)
- Blue (11%)



- Red (42%)
- Yellow (71%)
- Blue (11%)



- Cyan (0%)
- Magenta (29%)
- Yellow (85%)
- Black (29%)



- Cyan (29%)
- Magenta (50%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 132.3330, -51.9292, 42.6810 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 132.3330, -51.9292, 42.6810 by changing the saturation by 10% instead.

■ 132.3330,
-51.9292, 42.6810

■ 132.3330,
-51.9292, 42.6810

■ 255.0000, 0.0000,
0.0000

■ 105.9090,
-52.2131, 40.4218

■ 187.6540,
-52.0874, 46.7844

■ 83.1500, -40.9930,
34.9484

■ 210.6530,
-50.6079, 38.8923

■ 61.2770, -30.2096,
29.5751

■ 230.1670,
-46.9173, 21.7785

■ 40.8770, -20.1524,
23.7869

■ 244.3980,
-40.6222, 9.2980

■ 21.3630, -10.5320,
18.0986

■ 247.5900,
-28.3919, 6.4986

■ 0.8970, -0.4422,
1.8443

■ 250.8960,

■ 0.0000, 0.0000,

-15.7247, 3.5992

0.0000

254.2020, -3.0576,
0.6998

132.3330,
-51.9292, 42.6810

132.3330,
-51.9292, 42.6810

126.7590,
-58.0552, 47.5694

137.9070,
-45.8032, 37.7926

123.9720,
-61.1182, 50.0136

143.4810,
-39.6771, 32.9042

149.6420,
-33.8405, 27.5010

155.2160,
-27.7145, 22.6126

160.9040,
-21.1517, 17.6242

■ 166.4780,
-15.0257, 12.7358

■ 172.6390, -9.1890,
7.3326

■ 178.2130, -3.0630,
2.4442

■ 183.7870, 3.0630,
-2.4442

Harmonies

Analogous

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



134.2760, -35.1391, 70.7949



132.3330, -51.9292, 42.6810



128.1450, -50.3575, 5.1348

Triad

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



132.3330, -51.9292, 42.6810



114.2460, 26.5007, -100.1937



141.6890, 32.1983, 32.7217

Complementary

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



132.3330, -51.9292, 42.6810



75.6670, 51.9292, -42.6810

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.



134.2770, 50.1494, -31.8149



132.3330, -51.9292, 42.6810



117.6150, 47.0248, -103.1484

Square

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



132.3330, -51.9292, 42.6810



107.6170, 3.6398, -94.3801



115.1820, 60.5493, -101.0146



137.5510, 11.5604, 72.3078

Rectangle

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



132.3330, -51.9292, 42.6810



123.6280, -36.2986, -24.2298



115.1820, 60.5493, -101.0146



141.4740, 38.2203, 14.4933

Sweetspot

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



132.3330, -51.9292, 42.6810



215.7190, -20.5675, 16.9094



79.2020, 0.8864, 89.2768



105.8520, -12.2520, 9.7768



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



132.3330, -51.9292, 42.6810



160.6630, -79.2069, 65.1935



156.5670, -63.8765, 1.2567



86.2130, -3.0630, 2.4442



104.4470, -51.4924, 42.5810



17.7530, -8.7522, 7.2326

Inverse Universe

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



75.6670, 51.9292, -42.6810



74.3370, 79.2069, -65.1935



51.4330, 63.8765, -1.2567



82.7870, 3.0630, -2.4442



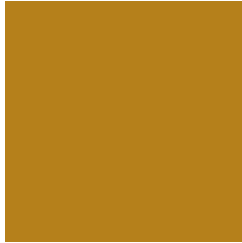
48.5530, 51.4924, -42.5810



8.2470, 8.7522, -7.2326

Previews

White Background



This preview shows how the YUV color 132.3330, -51.9292, 42.6810 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 132.3330, -51.9292, 42.6810 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 132.3330, -51.9292, 42.6810

Background



This preview shows how black text looks on a background with the YUV color 132.3330, -51.9292, 42.6810.



This preview shows how white text looks on a background with the YUV color 132.3330, -51.9292, 42.6810.

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

132.3330, -51.9292, 42.6810

Protanopia

131.3580, -49.9695, 20.7340

Deuteranopia

131.7730, -52.6391, 37.0331



Tritanopia

140.3580, -6.0925, 40.9050

Trichromacy



Original Color

132.3330, -51.9292, 42.6810

Protanomaly

131.5870, -50.5754, 28.4262

Deuteranomaly

132.1970, -52.3551, 39.2922

Tritanomaly

137.3030, -22.8274, 41.8303

Monochromacy



Original Color

132.3330, -51.9292, 42.6810

Achromatopsia

132.0000, 0.0000, 0.0000

Achromatomaly

132.4630, -18.9623, 15.3799

CSS Examples

Text

The CSS property to change the color of the text to YUV 132.3330, -51.9292, 42.6810 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(181, 128, 27)` looks like.

```
.text, #text, p{  
    color:rgb(181, 128, 27)  
}
```

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(181, 128, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 128, 27) }
```

Border

The CSS property to change the border of an element to YUV 132.3330, -51.9292, 42.6810 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(181, 128, 27) }
```


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

```
.border{ border-color:rgb(181, 128, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 128, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 128, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 128, 27);  
box-shadow:4px 4px 4px 4px rgb(181, 128,  
27) }
```

Background

The CSS property to change the background color of an element to YUV 132.3330, -51.9292, 42.6810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 128, 27) }
```

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

```
.background{ background-color: rgb(181,  
128, 27) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor