

Converting Colors

YUV(128.3210, -50.4443,
33.0445)

Have a look what the booklet for
YUV(128.3210, -50.4443, 33.0445)
contains.

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Color

**YUV(128.3210, -50.4443,
33.0445)**

Conversions

Conversions Part 1

Format	Color
Hex	A6811A
RGB	166, 129, 26
RGB Percent	65%, 51%, 10%
CMY	0.3490, 0.4941, 0.8980
CMYK	0.00, 0.22, 0.84, 0.35
HSL	44°, 73%, 38%
HSV	44°, 84%, 65%
XYZ	23.7626, 23.8821, 4.3346
YIQ	128.3210, 55.1150, -24.1890

Conversions

Conversions Part 2

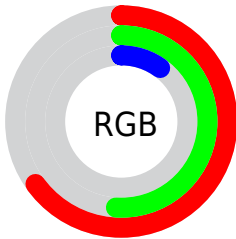
Format	Color
R_{YB}	76, 166, 26
Decimal	10912026
CIE _{Lab}	55.97, 4.77, 55.80
CIE _{LCh}	56, 55.999, 85.113
Yxy	23.8821, 0.4572, 0.4595
Android (android.graphics.Color)	4289102106 (0xFFA6811A)
YUV	128.3210, -50.4443, 33.0445
Hunter-Lab	48.8693, 1.2740, 28.9497

Details

The YUV color **128.3210, -50.4443, 33.0445** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **63.6790, 50.4443, -33.0445**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.3430, -50.4551, 36.5332**, and **79.8500, -39.3660, 26.4416** is the 20% darker color. If you saturate the color by 10%, you get **124.0350, -56.7123, 36.8033**, and if you desaturate by 10%, it is **132.6070, -44.1763, 29.2857**.

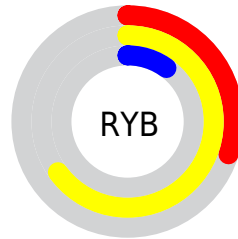
Distribution



Red (65%)

Green (51%)

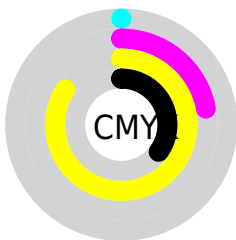
Blue (10%)



Red (30%)

Yellow (65%)

Blue (10%)

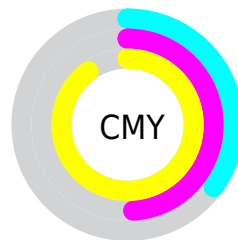


Cyan (0%)

Magenta (22%)

Yellow (84%)

Black (35%)



Cyan (35%)

Magenta (49%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 128.3210, -50.4443, 33.0445 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 128.3210, -50.4443, 33.0445 by changing the saturation by 10% instead.

■ 128.3210,
-50.4443, 33.0445

■ 128.3210,
-50.4443, 33.0445

■ 255.0000, 0.0000,
0.0000

■ 102.0110,
-50.2914, 30.6854

■ 183.3430,
-50.4551, 36.5332

■ 79.8500, -39.3660,
26.4416

■ 211.1260,
-51.3341, 38.4775

■ 58.5640, -28.8721,
20.5534

■ 230.6400,
-47.6435, 21.3637

■ 37.8760, -18.6729,
15.8947

■ 244.2840,
-41.0590, 9.3979

■ 18.6610, -9.1999,
10.8213

■ 247.4760,
-28.8287, 6.5985

■ 0.0000, 0.0000,
0.0000

■ 250.6680,

-16.5983, 3.7992

253.9740, -3.9312,
0.8998

128.3210,
-50.4443, 33.0445

128.3210,
-50.4443, 33.0445

124.0350,
-56.7123, 36.8033

132.6070,
-44.1763, 29.2857

121.2480,
-59.7753, 39.2475

137.3660,
-38.6344, 25.1120

141.6520,
-32.3664, 21.3532

146.4110,
-26.8246, 17.1796

150.6970,
-20.5566, 13.4207

■ 154.9830,
-14.2886, 9.6619

■ 159.7420, -8.7468,
5.4883

■ 164.0280, -2.4788,
1.7294

■ 168.2000, 3.3524,
-1.9294

Harmonies

Analogous

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



131.1240, -38.0221, 62.1583



128.3210, -50.4443, 33.0445



124.3270, -43.0522, -4.6718

Triad

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



128.3210, -50.4443, 33.0445



111.9950, 30.5685, -98.2196



137.4360, 25.9141, 41.7136

Complementary

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



128.3210, -50.4443, 33.0445



63.6790, 50.4443, -33.0445

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.



134.6770, 43.5432, -12.8717



128.3210, -50.4443, 33.0445



114.0930, 48.7612, -100.0596

Square

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



128.3210, -50.4443, 33.0445



106.2950, 8.7286, -93.2207



109.6880, 59.8068, -96.1964



133.5420, 5.1558, 73.1927

Rectangle

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



128.3210, -50.4443, 33.0445



118.9240, -28.5565, -34.1363



109.6880, 59.8068, -96.1964



137.9440, 32.0726, 26.3591

Sweetspot

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



128.3210, -50.4443, 33.0445



202.0390, -19.2462, 13.1208



72.0780, -4.4755, 82.3696



100.9550, -11.8098, 7.9325



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



128.3210, -50.4443, 33.0445



158.2160, -78.0005, 51.5536



140.1730, -56.2873, -6.2907



81.9140, -2.9156, 1.8294



108.2350, -53.3599, 34.8739



14.7850, -7.2890, 4.5736

Inverse Universe

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



63.6790, 50.4443, -33.0445



58.1970, 78.2899, -51.0388



51.8270, 56.2873, 6.2907



78.0860, 2.9156, -1.8294



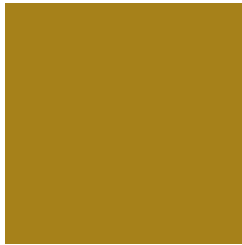
39.7650, 53.3599, -34.8739



5.2150, 7.2890, -4.5736

Previews

White Background



This preview shows how the YUV color 128.3210, -50.4443, 33.0445 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 128.3210, -50.4443, 33.0445 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 128.3210, -50.4443, 33.0445

Background



This preview shows how black text looks on a background with the YUV color 128.3210, -50.4443, 33.0445.



This preview shows how white text looks on a background with the YUV color 128.3210, -50.4443,

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

128.3210, -50.4443, 33.0445

Protanopia

127.5860, -49.0959, 20.5341

Deuteranopia

128.7450, -50.1603, 35.3036



Tritanopia

136.5740, -3.7340, 31.0686

Trichromacy



Original Color

128.3210, -50.4443, 33.0445

Protanomaly

127.7930, -49.6909, 24.7375

Deuteranomaly

128.4460, -50.0129, 34.6889

Tritanomaly

133.5190, -20.4689, 31.9938

Monochromacy



Original Color

128.3210, -50.4443, 33.0445

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

127.9680, -18.2252, 12.3061

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.3210, -50.4443, 33.0445 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(166, 129, 26)` looks like.

```
.text, #text, p{  
    color:rgb(166, 129, 26)  
}
```

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(166, 129, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 129, 26) }
```

Border

The CSS property to change the border of an element to YUV 128.3210, -50.4443, 33.0445 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(166, 129, 26) }
```


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

```
.border{ border-color:rgb(166, 129, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 129, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 129, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 129, 26);  
box-shadow:4px 4px 4px 4px rgb(166, 129,  
26) }
```

Background

The CSS property to change the background color of an element to YUV 128.3210, -50.4443, 33.0445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 129, 26) }
```

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

```
.background{ background-color: rgb(166,  
129, 26) }
```

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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