

Converting Colors

YUV(133.4850, -12.0711,
45.1787)

Have a look what the booklet for
YUV(133.4850, -12.0711, 45.1787)
contains.

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Color

**YUV(133.4850, -12.0711,
45.1787)**

Conversions

Conversions Part 1

Format	Color
Hex	B9706D
RGB	185, 112, 109
RGB Percent	73%, 44%, 43%
CMY	0.2745, 0.5608, 0.5725
CMYK	0.00, 0.39, 0.41, 0.27
HSL	2°, 35%, 58%
HSV	2°, 41%, 73%
XYZ	28.5621, 23.0068, 17.4034
YIQ	133.4850, 44.4710, 14.5430

Conversions

Conversions Part 2

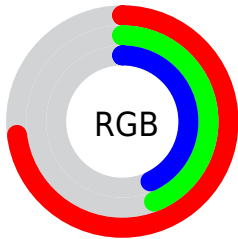
Format	Color
R_{YB}	185, 112, 109
Decimal	12152941
CIE Lab	55.08, 28.53, 14.01
CIE LCh	55, 31.783, 26.157
Yxy	23.0068, 0.4141, 0.3336
Android (android.graphics.Color)	4290343021 (0xFFB9706D)
YUV	133.4850, -12.0711, 45.1787
Hunter-Lab	47.9654, 22.3525, 12.0634

Details

The YUV color **133.4850, -12.0711, 45.1787** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **160.5150, 12.0711, -45.1787**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.7520, -13.6817, 48.4525**, and **82.6200, -10.1657, 40.6753** is the 20% darker color. If you saturate the color by 10%, you get **120.7530, -15.1612, 56.3446**, and if you desaturate by 10%, it is **146.2170, -8.9810, 34.0127**.

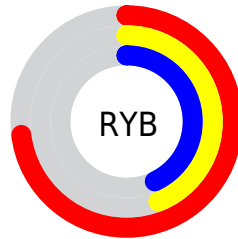
Distribution



Red (73%)

Green (44%)

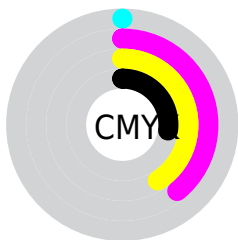
Blue (43%)



Red (73%)

Yellow (44%)

Blue (43%)

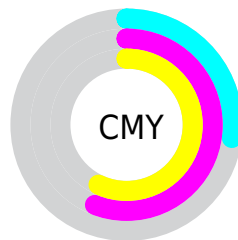


Cyan (0%)

Magenta (39%)

Yellow (41%)

Black (27%)



Cyan (27%)


Magenta (56%)


Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the YUV color 133.4850, -12.0711, 45.1787 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 133.4850, -12.0711, 45.1787 by changing the saturation by 10% instead.


 133.4850,
-12.0711, 45.1787


 133.4850,
-12.0711, 45.1787


255.0000, 0.0000,
0.0000

 107.7020,
-11.1921, 43.2343


 187.7520,
-13.6817, 48.4525

 82.6200, -10.1657,
40.6753


 210.2670,
-11.4706, 39.2308


 57.9510, -8.8498,
38.6310

 229.8950, -7.3432,
22.0171

 33.8090, -6.8078,
37.0015

 250.2240, -3.0684,
4.1886

 15.2490, -7.5178,
31.3536

 5.0830, -2.5059,
10.4512

 0.0000, 0.0000,

0.0000

■ 133.4850,
-12.0711, 45.1787

■ 133.4850,
-12.0711, 45.1787

■ 120.7530,
-15.1612, 56.3446

■ 146.2170, -8.9810,
34.0127

■ 108.1350,
-17.8146, 67.4106

■ 158.8350, -6.3277,
22.9467

■ 96.1040, -20.7573,
77.9618

■ 170.9800, -2.9481,
12.2955

■ 83.3720, -23.8474,
89.1278

■ 183.5980, -0.2948,
1.2296

■ 70.6400, -26.9375,
100.2937

■ 196.3300, 2.7953,
-9.9364

■ 59.4240, -29.2960,
110.1302

■ 208.9480, 5.4486,
-21.0024

■ 220.9790, 8.3914,
-31.5536

■ 233.4830, 10.6079,
-42.5196

■ 234.0700, 10.3185,
-43.0344

Harmonies

Analogous

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



135.1930, 0.8909, 41.0497



133.4850, -12.0711, 45.1787



131.7970, -22.0849, 37.0120

Triad

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



133.4850, -12.0711, 45.1787



123.1480, -11.4120, -26.4398



126.4510, 29.3577, -36.3525

Complementary

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



133.4850, -12.0711, 45.1787



160.5150, 12.0711, -45.1787

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.



113.9860, 31.0659, -71.0247



133.4850, -12.0711, 45.1787



116.6250, 5.1149, -54.0451

Square

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



133.4850, -12.0711, 45.1787



127.0280, -22.6918, -1.7786



105.4650, 24.4208, -86.3538



133.4660, 23.4343, -3.0397

Rectangle

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



133.4850, -12.0711, 45.1787



130.9930, -26.1255, 26.3161



105.4650, 24.4208, -86.3538



122.4280, 30.8480, -47.7334

Sweetspot

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



133.4850, -12.0711, 45.1787



220.2580, -4.5642, 17.3137



140.0460, 20.6833, 39.4247



108.6700, -2.7953, 9.9364



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.



133.4850, -12.0711, 45.1787



160.2170, -18.8410, 69.9697



155.7910, -23.0680, 25.6163



85.6910, -1.3267, 5.5330



50.1660, -24.7318, 92.8164



8.9590, -4.4168, 16.6990

Inverse Universe

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



160.5150, 12.0711, -45.1787



201.7830, 18.8410, -69.9697



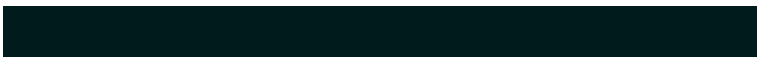
138.2090, 23.0680, -25.6163



88.7220, 1.6161, -5.0182



105.2470, 25.0212, -92.3016



19.0410, 4.4168, -16.6990

Previews

White Background



This preview shows how the YUV color 133.4850, -12.0711, 45.1787 looks on a white background.

Color Contrast Check

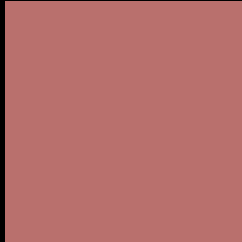
Large Text (above 18pt) WCAG AA ✓ Pass

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 133.4850, -12.0711, 45.1787 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

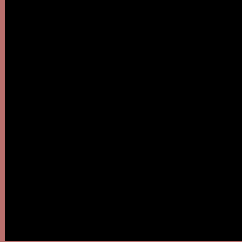
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 133.4850, -12.0711, 45.1787

Background



This preview shows how black text looks on a background with the YUV color 133.4850, -12.0711, 45.1787.



This preview shows how white text looks on a background with the YUV color 133.4850, -12.0711,

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

133.4850, -12.0711, 45.1787

Protanopia

132.3120, -6.5628, 4.9884

Deuteranopia

132.6790, -13.1527, 18.6985



Tritanopia

134.3370, -7.5611, 45.3085

Trichromacy



Original Color

133.4850, -12.0711, 45.1787

Protanomaly

132.8300, -8.7902, 19.4431

Deuteranomaly

133.1470, -12.8905, 27.9351

Tritanomaly

133.8810, -9.3083, 45.7084

Monochromacy



Original Color

133.4850, -12.0711, 45.1787

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

132.9590, -4.4168, 16.6990

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.4850, -12.0711, 45.1787 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, 112, 109)` looks like.

```
.text, #text, p{  
    color:rgb(185, 112, 109)  
}
```

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, 112, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 112, 109) }
```

Border

The CSS property to change the border of an element to YUV 133.4850, -12.0711, 45.1787 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, 112, 109) }
```


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

```
.border{ border-color:rgb(185, 112, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 112, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 112, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 112, 109);  
box-shadow:4px 4px 4px 4px rgb(185, 112,  
109) }
```

Background

The CSS property to change the background color of an element to YUV 133.4850, -12.0711, 45.1787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 112, 109) }
```

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

```
.background{ background-color: rgb(185,  
112, 109) }
```

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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