

Converting Colors

YUV(112.1330, -51.8306,
57.7654)

Have a look what the booklet for
YUV(112.1330, -51.8306, 57.7654)
contains.

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Color

**YUV(112.1330, -51.8306,
57.7654)**

Conversions

Conversions Part 1

Format	Color
Hex	B26307
RGB	178, 99, 7
RGB Percent	70%, 39%, 3%
CMY	0.3020, 0.6118, 0.9725
CMYK	0.00, 0.44, 0.96, 0.30
HSL	32°, 92%, 36%
HSV	32°, 96%, 70%
XYZ	22.8603, 18.4040, 2.5485
YIQ	112.1330, 76.6160, -11.8640

Conversions

Conversions Part 2

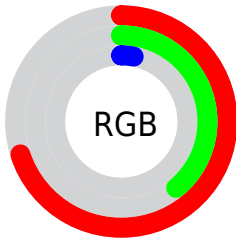
Format	Color
RYB	154, 178, 7
Decimal	11690759
CIELab	49.98, 26.54, 56.55
CIElCh	50, 62.470, 64.861
Yxy	18.4040, 0.5218, 0.4201
Android (android.graphics.Color)	4289880839 (0xFFB26307)
YUV	112.1330, -51.8306, 57.7654
Hunter-Lab	42.8999, 20.0435, 26.5078

Details

The YUV color **112.1330, -51.8306, 57.7654** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **72.8670, 51.8306, -57.7654**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.0350, -49.8103, 63.1133**, and **65.5180, -32.3004, 46.9037** is the 20% darker color. If you saturate the color by 10%, you get **109.5740, -54.0200, 60.0096**, and if you desaturate by 10%, it is **118.8810, -46.2833, 51.8474**.

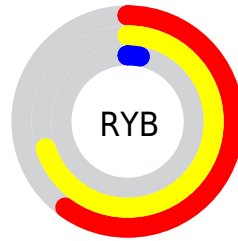
Distribution



Red (70%)

Green (39%)

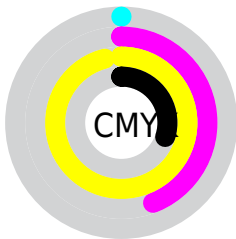
Blue (3%)



Red (60%)

Yellow (70%)

Blue (3%)

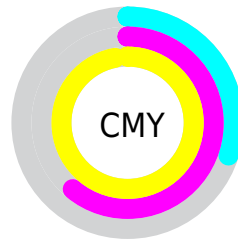


Cyan (0%)

Magenta (44%)

Yellow (96%)

Black (30%)



Cyan (30%)

Magenta (61%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.1330, -51.8306, 57.7654 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 112.1330, -51.8306, 57.7654 by changing the saturation by 10% instead.

■ 112.1330,
-51.8306, 57.7654

■ 112.1330,
-51.8306, 57.7654

255.0000, 0.0000,
0.0000

■ 88.2770, -43.5206,
52.3771

■ 167.0350,
-49.8103, 63.1133

■ 65.5180, -32.3004,
46.9037

■ 190.6320,
-48.6256, 56.4507

■ 43.3460, -21.3696,
40.9156

■ 210.0320,
-45.3718, 39.4369

■ 21.4730, -10.5862,
35.5422

■ 229.5460,
-41.6812, 22.3232


■ 12.0740, -5.4595,
24.4911


■ 245.5380,
-36.2542, 8.2982


■ 0.0000, 0.0000,
0.0000

■ 248.7300,


-24.0239, 5.4988


 252.0360,
-11.3567, 2.5994


 112.1330,
-51.8306, 57.7654


 112.1330,
-51.8306, 57.7654

 109.5740,
-54.0200, 60.0096

 118.8810,
-46.2833, 51.8474

 125.6290,
-40.7361, 45.9294

 132.8500,
-35.9150, 39.5966

 139.5980,
-30.3678, 33.6786

 146.3460,
-24.8206, 27.7606

■ 153.0940,
-19.2733, 21.8426

■ 160.4290,
-14.0155, 15.4098

■ 167.0630, -8.9051,
9.5917

■ 173.8110, -3.3578,
3.6738

Harmonies

Analogous

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



111.9860, -25.1361, 82.4503



112.1330, -51.8306, 57.7654



110.2180, -54.3375, 21.7338

Triad

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



112.1330, -51.8306, 57.7654



98.3050, 13.6536, -86.2135



121.4560, 42.1732, 6.6161

Complementary

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



112.1330, -51.8306, 57.7654



72.8670, 51.8306, -57.7654

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.



97.9650, 63.1213, -85.9153



112.1330, -51.8306, 57.7654



103.7600, 37.0933, -90.9975

Square

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



112.1330, -51.8306, 57.7654



90.2740, -9.5021, -79.1703



104.3420, 54.5544, -91.5079



118.7590, 22.7968, 61.6014

Rectangle

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



112.1330, -51.8306, 57.7654



105.6230, -52.0721, -4.9314



104.3420, 54.5544, -91.5079



117.6100, 48.5063, -18.0750

Sweetspot

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



112.1330, -51.8306, 57.7654



206.1650, -20.2943, 22.6573



67.2490, 9.7372, 97.1286



101.1730, -12.4103, 13.8803



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.



112.1330, -51.8306, 57.7654



142.7430, -70.3723, 78.2784



156.7120, -73.8080, 13.4076



85.6260, -2.7736, 2.9590



93.8810, -46.2833, 51.8474



15.9920, -7.8841, 8.7770

Inverse Universe

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



72.8670, 51.8306, -57.7654



89.2570, 70.3723, -78.2784



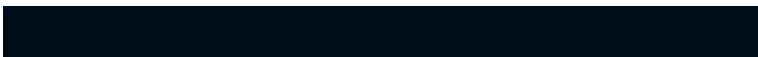
28.2880, 73.8080, -13.4076



83.3740, 2.7736, -2.9590



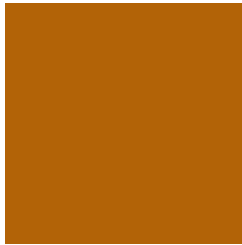
59.1190, 46.2833, -51.8474



10.0080, 7.8841, -8.7770

Previews

White Background



This preview shows how the YUV color 112.1330, -51.8306, 57.7654 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 112.1330, -51.8306, 57.7654 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 112.1330, -51.8306, 57.7654

Background



This preview shows how black text looks on a background with the YUV color 112.1330, -51.8306, 57.7654.



This preview shows how white text looks on a background with the YUV color 112.1330, -51.8306,

57.7654.

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

112.1330, -51.8306, 57.7654

Protanopia

112.6290, -47.6381, 19.6194

Deuteranopia

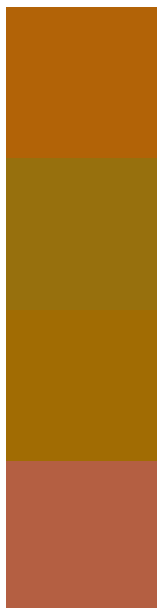
111.4800, -54.9596, 34.6590



Tritanopia

119.4090, -10.0616, 54.0153

Trichromacy



Original Color

112.1330, -51.8306, 57.7654

Protanomaly

112.3750, -48.9919, 33.8741

Deuteranomaly

111.8770, -53.6764, 43.0809

Tritanomaly

117.1090, -25.1967, 55.1554

Monochromacy



Original Color

112.1330, -51.8306, 57.7654

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

111.9090, -18.6891, 21.1278

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.1330, -51.8306, 57.7654 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(178, 99, 7)` looks like.

```
.text, #text, p{  
    color:rgb(178, 99, 7)  
}
```

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(178, 99, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 99, 7) }
```

Border

The CSS property to change the border of an element to YUV 112.1330, -51.8306, 57.7654 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(178, 99, 7) }
```


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

```
.border{ border-color:rgb(178, 99, 7) }
```

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

Here you see how a box with a 4 pixel rgb(178, 99, 7) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 99, 7); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 99, 7);  
box-shadow:4px 4px 4px 4px rgb(178, 99, 7)  
}
```

Background

The CSS property to change the background color of an element to YUV 112.1330, -51.8306, 57.7654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 99, 7) }
```

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

```
.background{ background-color: rgb(178, 99,  
7) }
```

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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