

Converting Colors

YUV(111.9220, -55.1775,
57.9504)

Have a look what the booklet for
YUV(111.9220, -55.1775, 57.9504)
contains.

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Color

**YUV(111.9220, -55.1775,
57.9504)**

Conversions

Conversions Part 1

Format	Color
Hex	B26400
RGB	178, 100, 0
RGB Percent	70%, 39%, 0%
CMY	0.3020, 0.6078, 1.0000
CMYK	0.00, 0.44, 1.00, 0.30
HSL	34°, 100%, 35%
HSV	34°, 100%, 70%
XYZ	22.9173, 18.5793, 2.3783
YIQ	111.9220, 78.5880, -14.5640

Conversions

Conversions Part 2

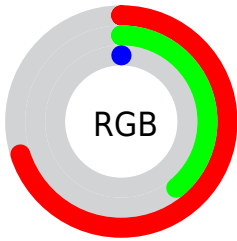
Format	Color
R_{YB}	139, 178, 0
Decimal	11691008
CIE Lab	50.19, 25.90, 58.22
CIE LCh	50, 63.716, 66.019
Yxy	18.5793, 0.5223, 0.4235
Android (android.graphics.Color)	4289881088 (0xFFB26400)
YUV	111.9220, -55.1775, 57.9504
Hunter-Lab	43.1037, 19.4728, 26.9012

Details

The YUV color **111.9220, -55.1775, 57.9504** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **66.0780, 55.1775, -57.9504**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.2800, -51.4100, 62.8984**, and **66.1050, -32.5898, 46.3889** is the 20% darker color. If you saturate the color by 10%, you get **111.9220, -55.1775, 57.9504**, and if you desaturate by 10%, it is **118.6700, -49.6303, 52.0324**.

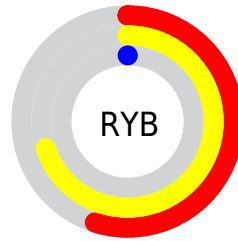
Distribution



Red (70%)

Green (39%)

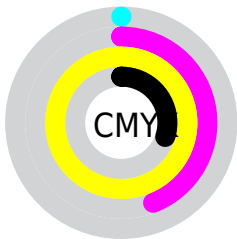
Blue (0%)



Red (55%)

Yellow (70%)

Blue (0%)

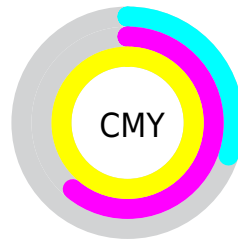


Cyan (0%)

Magenta (44%)

Yellow (100%)

Black (30%)



Cyan (30%)


Magenta (61%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the YUV color 111.9220, -55.1775, 57.9504 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 111.9220, -55.1775, 57.9504 by changing the saturation by 10% instead.


 111.9220,
-55.1775, 57.9504

 111.9220,
-55.1775, 57.9504


255.0000, 0.0000,
0.0000


 88.8640, -43.8100,
51.8623


 167.2800,
-51.4100, 62.8984


 66.1050, -32.5898,
46.3889


 190.8770,
-50.2254, 56.2359

 43.9330, -21.6590,
40.4008

 210.2770,
-46.9716, 39.2221

 22.0600, -10.8756,
35.0274

 229.7910,
-43.2810, 22.1083


 12.0740, -5.4595,
24.4911


 245.1960,
-37.5646, 8.5981


 0.0000, 0.0000,
0.0000


 248.3880,


-25.3343, 5.7987


 251.6940,
-12.6671, 2.8994

 111.9220,
-55.1775, 57.9504

 118.6700,
-49.6303, 52.0324

 125.4180,
-44.0831, 46.1144

 131.4650,
-38.6832, 40.8112

 138.2130,
-33.1360, 34.8932

 144.9610,
-27.5888, 28.9752

■ 151.7090,
-22.0415, 23.0572

■ 158.4570,
-16.4943, 17.1392

■ 164.5040,
-11.0945, 11.8360

■ 171.2520, -5.5472,
5.9180

Harmonies

Analogous

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



112.6440, -26.4465, 82.7502



111.9220, -55.1775, 57.9504



111.0930, -54.7688, 20.0894

Triad

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



111.9220, -55.1775, 57.9504



99.2340, 14.6746, -87.0282



122.1790, 42.3098, 9.4900

Complementary

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



111.9220, -55.1775, 57.9504



66.0780, 55.1775, -57.9504

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.



98.1930, 63.9949, -86.1153



111.9220, -55.1775, 57.9504



104.6890, 38.1143, -91.8123

Square

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



111.9220, -55.1775, 57.9504



91.0890, -8.9179, -79.8851



105.3850, 56.0122, -92.4226



118.4820, 22.9334, 64.4753

Rectangle

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



111.9220, -55.1775, 57.9504



105.6120, -52.0667, -6.6757



105.3850, 56.0122, -92.4226



118.4470, 49.0796, -15.3010

Sweetspot

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



111.9220, -55.1775, 57.9504



206.4100, -21.8941, 22.4424



62.3420, 8.7054, 101.4321



101.6460, -13.1365, 13.4655



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.



111.9220, -55.1775, 57.9504



145.6780, -71.8193, 75.7044



155.0170, -76.4234, 12.2631



85.6260, -2.7736, 2.9590



96.2290, -47.4409, 49.7882



15.9920, -7.8841, 8.7770

Inverse Universe

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



66.0780, 55.1775, -57.9504



86.3220, 71.8193, -75.7044



22.9830, 76.4234, -12.2631



83.3740, 2.7736, -2.9590



56.7710, 47.4409, -49.7882



9.4210, 8.1734, -8.2622

Previews

White Background



This preview shows how the YUV color 111.9220, -55.1775, 57.9504 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 111.9220, -55.1775, 57.9504 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 111.9220, -55.1775, 57.9504 Background



This preview shows how black text looks on a background with the YUV color 111.9220, -55.1775, 57.9504.



This preview shows how white text looks on a background with the YUV color 111.9220, -55.1775, 57.9504.

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

111.9220, -55.1775, 57.9504

Protanopia

112.4010, -48.5117, 19.8193

Deuteranopia

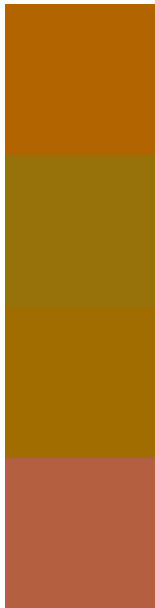
112.3660, -55.3964, 34.7590



Tritanopia

120.1100, -9.9142, 53.4005

Trichromacy



Original Color

111.9220, -55.1775, 57.9504

Protanomaly

112.5060, -51.0285, 33.7592

Deuteranomaly

112.1220, -55.2761, 42.8660

Tritanomaly

117.4680, -26.3597, 54.8406

Monochromacy



Original Color

111.9220, -55.1775, 57.9504

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

112.1540, -20.2889, 20.9129

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.9220, -55.1775, 57.9504 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, 100, 0)` looks like.

```
.text, #text, p{  
    color:rgb(178, 100, 0)  
}
```

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, 100, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 100, 0) }
```

Border

The CSS property to change the border of an element to YUV 111.9220, -55.1775, 57.9504 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, 100, 0) }
```


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

```
.border{ border-color:rgb(178, 100, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 100, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 100, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 100, 0);  
box-shadow:4px 4px 4px 4px rgb(178, 100,  
0) }
```

Background

The CSS property to change the background color of an element to YUV 111.9220, -55.1775, 57.9504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 100, 0) }
```

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

```
.background{ background-color: rgb(178,  
100, 0) }
```

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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