

Converting Colors

YUV(109.5740, -54.0200,
60.0096)

Have a look what the booklet for
YUV(109.5740, -54.0200, 60.0096)
contains.

YUV(109.5740, -54.0200, 60.0096)	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>	30

Color

**YUV(109.5740, -54.0200,
60.0096)**

Conversions

Conversions Part 1

Format	Color
Hex	B26000
RGB	178, 96, 0
RGB Percent	70%, 38%, 0%
CMY	0.3020, 0.6235, 1.0000
CMYK	0.00, 0.46, 1.00, 0.30
HSL	32°, 100%, 35%
HSV	32°, 100%, 70%
XYZ	22.5430, 17.8307, 2.2535
YIQ	109.5740, 79.6880, -12.4720

Conversions

Conversions Part 2

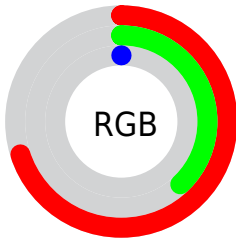
Format	Color
RYB	152, 178, 0
Decimal	11689984
CIELab	49.29, 28.08, 57.66
CIELCh	49, 64.131, 64.036
Yxy	17.8307, 0.5288, 0.4183
Android (android.graphics.Color)	4289880064 (0xFFB26000)
YUV	109.5740, -54.0200, 60.0096
Hunter-Lab	42.2264, 21.3976, 26.3943

Details

The YUV color **109.5740, -54.0200, 60.0096** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **68.4260, 54.0200, -60.0096**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.1170, -50.8367, 65.6724**, and **63.7570, -31.4322, 48.4481** 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 **116.3220, -48.4727, 54.0916**.

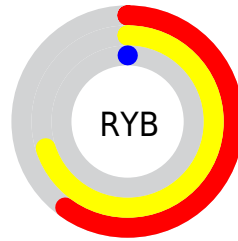
Distribution



Red (70%)

Green (38%)

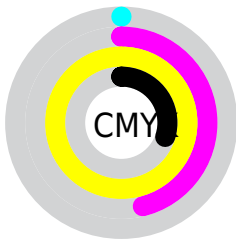
Blue (0%)



Red (60%)

Yellow (70%)

Blue (0%)

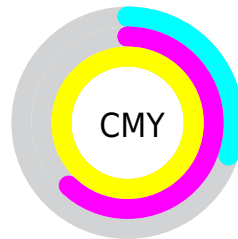


Cyan (0%)

Magenta (46%)

Yellow (100%)

Black (30%)



Cyan (30%)

Magenta (62%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.5740, -54.0200, 60.0096 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 109.5740, -54.0200, 60.0096 by changing the saturation by 10% instead.

■ 109.5740,
-54.0200, 60.0096

■ 109.5740,
-54.0200, 60.0096

254.8860, -0.4368,
0.1000

■ 86.5160, -42.6524,
53.9215

■ 165.1170,
-50.8367, 65.6724

■ 63.7570, -31.4322,
48.4481

■ 188.4150,
-49.5046, 58.3950

■ 41.2860, -20.3540,
41.8452

■ 207.8150,
-46.2508, 41.3812

■ 19.7120, -9.7180,
37.0866

■ 227.3290,
-42.5602, 24.2675


■ 11.4760, -5.1647,
23.2615

■ 245.0820,
-38.0014, 8.6981


■ 0.0000, 0.0000,
0.0000


■ 248.2740,


-25.7711, 5.8987


 251.5800,
-13.1039, 2.9993

 109.5740,
-54.0200, 60.0096

 116.3220,
-48.4727, 54.0916

 123.0700,
-42.9255, 48.1736

 130.2910,
-38.1045, 41.8408

 137.0390,
-32.5572, 35.9228

 143.7870,
-27.0100, 30.0048

■ 150.5350,
-21.4628, 24.0868

■ 157.2830,
-15.9155, 18.1688

■ 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.



109.4100, -24.8521, 84.7094



109.5740, -54.0200, 60.0096



109.0440, -53.7587, 22.7634

Triad

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



109.5740, -54.0200, 60.0096



96.7890, 12.9220, -84.8840



119.2000, 43.7784, 5.0866

Complementary

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



109.5740, -54.0200, 60.0096



68.4260, 54.0200, -60.0096

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.



97.4920, 63.8474, -85.5005



109.5740, -54.0200, 60.0096



102.9450, 36.5091, -90.2828

Square

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



109.5740, -54.0200, 60.0096



88.5300, -11.1073, -77.6408



103.7550, 54.8438, -90.9931



116.5140, 24.3966, 61.8162

Rectangle

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



109.5740, -54.0200, 60.0096



104.1500, -51.3459, -4.5165



103.7550, 54.8438, -90.9931



114.4570, 50.5537, -21.4488

Sweetspot

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



109.5740, -54.0200, 60.0096



205.2360, -21.3153, 23.4720



62.6840, 10.0158, 101.1321



101.0590, -12.8471, 13.9803



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.



109.5740, -54.0200, 60.0096



142.7430, -70.3723, 78.2784



155.9140, -76.8656, 14.1074



85.6260, -2.7736, 2.9590



94.4680, -46.5727, 51.3326



15.9920, -7.8841, 8.7770

Inverse Universe

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



68.4260, 54.0200, -60.0096



89.2570, 70.3723, -78.2784



22.0860, 76.8656, -14.1074



83.3740, 2.7736, -2.9590



58.5320, 46.5727, -51.3326



10.0080, 7.8841, -8.7770

Previews

White Background



This preview shows how the YUV color 109.5740, -54.0200, 60.0096 looks on a white 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

Black Background



This preview shows how the YUV color 109.5740, -54.0200, 60.0096 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

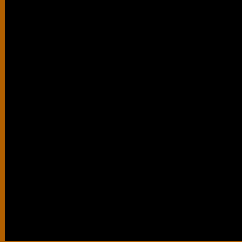
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 109.5740, -54.0200, 60.0096

Background



This preview shows how black text looks on a background with the YUV color 109.5740, -54.0200, 60.0096.



This preview shows how white text looks on a background with the YUV color 109.5740, -54.0200, 60.0096.

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



Protanopia

110.7430, -47.2013, 19.5194

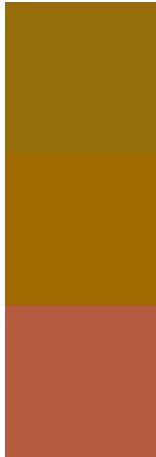
Deuteranopia

110.2950, -54.3754, 33.9443

Tritanopia

117.3060, -10.5039, 55.8596

Trichromacy



Protanomaly

110.2610, -49.4287, 33.9741

Deuteranomaly

110.0620, -54.2606, 43.7956

Tritanomaly

114.7780, -26.5126, 57.1997

Monochromacy



Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

109.9800, -19.7101, 21.9425

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.5740, -54.0200, 60.0096 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, 96, 0)` looks like.

```
.text, #text, p{  
    color:rgb(178, 96, 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, 96, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 96, 0) }
```

Border

The CSS property to change the border of an element to YUV 109.5740, -54.0200, 60.0096 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, 96, 0) }
```

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

```
.border{ border-color:rgb(178, 96, 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, 96, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 96, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 96, 0);  
box-shadow:4px 4px 4px 4px rgb(178, 96, 0)  
}
```


Background

The CSS property to change the background color of an element to YUV 109.5740, -54.0200, 60.0096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 96, 0) }
```

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

```
.background{ background-color: rgb(178, 96,  
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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