

Converting Colors

YUV(107.8570, -53.1735,
68.5314)

Have a look what the booklet for
YUV(107.8570, -53.1735, 68.5314)
contains.

YUV(107.8570, -53.1735, 68.5314)	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>	31

Color

**YUV(107.8570, -53.1735,
68.5314)**

Conversions

Conversions Part 1

Format	Color
Hex	BA5900
RGB	186, 89, 0
RGB Percent	73%, 35%, 0%
CMY	0.2706, 0.6510, 1.0000
CMYK	0.00, 0.52, 1.00, 0.27
HSL	29°, 100%, 36%
HSV	29°, 100%, 73%
XYZ	23.8221, 17.5839, 2.1385
YIQ	107.8570, 86.3810, -7.1150

Conversions

Conversions Part 2

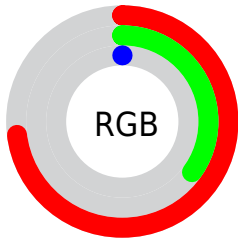
Format	Color
R_{YB}	186, 171, 0
Decimal	12212480
CIE Lab	48.99, 35.13, 58.09
CIE LCh	49, 67.883, 58.836
Yxy	17.5839, 0.5471, 0.4038
Android (android.graphics.Color)	4290402560 (0xFFBA5900)
YUV	107.8570, -53.1735, 68.5314
Hunter-Lab	41.9331, 28.0224, 26.3296

Details

The YUV color **107.8570, -53.1735, 68.5314** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **78.1430, 53.1735, -68.5314**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.8730, -50.7164, 73.7794**, and **60.8550, -30.0015, 56.2552** is the 20% darker color. If you saturate the color by 10%, you get **107.8570, -53.1735, 68.5314**, and if you desaturate by 10%, it is **115.8930, -47.7682, 61.4838**.

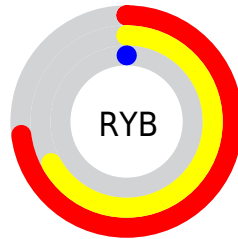
Distribution



Red (73%)

Green (35%)

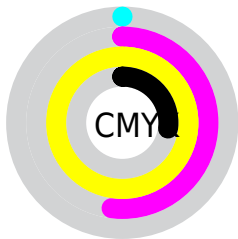
Blue (0%)



Red (73%)

Yellow (67%)

Blue (0%)

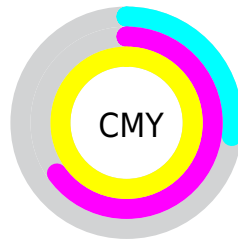


Cyan (0%)

Magenta (52%)

Yellow (100%)

Black (27%)



Cyan (27%)

Magenta (65%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 107.8570, -53.1735, 68.5314 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 107.8570, -53.1735, 68.5314 by changing the saturation by 10% instead.

■ 107.8570,
-53.1735, 68.5314

■ 107.8570,
-53.1735, 68.5314

■ 254.6580, -1.3104,
0.2999

■ 83.9130, -41.3691,
62.3433

■ 163.8730,
-50.7164, 73.7794

■ 60.8550, -30.0015,
56.2552

■ 184.7790,
-48.2050, 61.5838

■ 36.3350, -17.9132,
52.3262

■ 203.5920,
-44.6619, 45.0848

■ 20.0330, -9.8763,
41.1901

■ 223.1060,
-40.9713, 27.9710


■ 12.9710, -5.9017,
26.3354

■ 243.2070,
-37.5701, 10.3425


■ 0.0000, 0.0000,
0.0000


■ 248.1600,


-26.2079, 5.9987

 251.3520,
-13.9775, 3.1993


 107.8570,
-53.1735, 68.5314

 115.8930,
-47.7682, 61.4838

 123.2280,
-42.5104, 55.0510

 131.2640,
-37.1052, 48.0035

 139.1860,
-32.1367, 41.0559

 147.2220,
-26.7314, 34.0083

■ 154.6710,
-21.0368, 27.4755

■ 162.5930,
-16.0683, 20.5279

■ 170.6290,
-10.6631, 13.4804

■ 177.9640, -5.4053,
7.0476

Harmonies

Analogous

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



105.4310, -19.9325, 93.4610



107.8570, -53.1735, 68.5314



109.0880, -53.7804, 29.7408

Triad

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



107.8570, -53.1735, 68.5314



95.5350, 8.1172, -83.7842



116.1210, 50.2263, -9.7531

Complementary

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



107.8570, -53.1735, 68.5314



78.1430, 53.1735, -68.5314

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.



99.3500, 65.8894, -87.1299



107.8570, -53.1735, 68.5314



102.2610, 33.8883, -89.6829

Square

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



107.8570, -53.1735, 68.5314



86.3470, -16.9331, -75.7263



104.9290, 54.2650, -92.0227



116.2730, 29.9384, 57.6426

Rectangle

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



107.8570, -53.1735, 68.5314



105.3680, -51.9464, 1.4313



104.9290, 54.2650, -92.0227



107.0670, 58.6340, -46.5398

Sweetspot

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



107.8570, -53.1735, 68.5314



211.4860, -20.4526, 26.7608



66.9000, 15.8253, 104.4507



103.4830, -12.5631, 16.2394



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



107.8570, -53.1735, 68.5314



140.4500, -69.2418, 89.0594



161.2740, -79.5081, 21.6847



88.0390, -2.4842, 3.4738



90.0820, -44.4104, 57.8101



16.0030, -7.8895, 10.5214

Inverse Universe

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



78.1430, 53.1735, -68.5314



101.5500, 69.2419, -89.0593



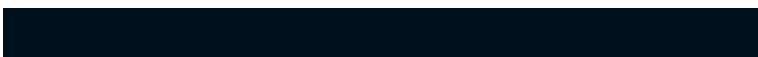
24.7260, 79.5081, -21.6847



86.3740, 2.7736, -2.9590



65.3310, 44.6998, -57.2953



11.9970, 7.8895, -10.5214

Previews

White Background



This preview shows how the YUV color 107.8570, -53.1735, 68.5314 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 107.8570, -53.1735, 68.5314 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 107.8570, -53.1735, 68.5314

Background



This preview shows how black text looks on a background with the YUV color 107.8570, -53.1735, 68.5314.



This preview shows how white text looks on a background with the YUV color 107.8570, -53.1735,

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

107.8570, -53.1735, 68.5314

Protanopia

110.0850, -45.8909, 19.2195

Deuteranopia

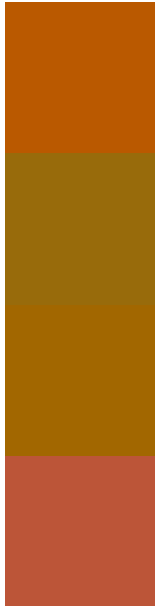
109.4090, -53.9386, 33.8443



Tritanopia

115.2640, -13.4412, 64.6665

Trichromacy



Original Color

107.8570, -53.1735, 68.5314

Protanomaly

109.5110, -48.5659, 37.2629

Deuteranomaly

108.8990, -53.6872, 46.5696

Tritanomaly

112.4910, -27.8501, 66.2214

Monochromacy



Original Color

107.8570, -53.1735, 68.5314

Achromatopsia

108.0000, 0.0000, 0.0000

Achromatomaly

107.8170, -19.1368, 24.7165

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.8570, -53.1735, 68.5314 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(186, 89, 0)` looks like.

```
.text, #text, p{  
    color:rgb(186, 89, 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(186, 89, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 89, 0) }
```

Border

The CSS property to change the border of an element to YUV 107.8570, -53.1735, 68.5314 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(186, 89, 0) }
```


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

```
.border{ border-color:rgb(186, 89, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 89, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 89, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 89, 0);  
box-shadow:4px 4px 4px 4px rgb(186, 89, 0)  
}
```

Background

The CSS property to change the background color of an element to YUV 107.8570, -53.1735, 68.5314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 89, 0) }
```

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

```
.background{ background-color: rgb(186, 89,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor