

Converting Colors

YUV(107.3690, -52.9329,
84.7454)

Have a look what the booklet for
YUV(107.3690, -52.9329, 84.7454)
contains.

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Color

**YUV(107.3690, -52.9329,
84.7454)**

Conversions

Conversions Part 1

Format	Color
Hex	CC4F00
RGB	204, 79, 0
RGB Percent	80%, 31%, 0%
CMY	0.2000, 0.6902, 1.0000
CMYK	0.00, 0.61, 1.00, 0.20
HSL	23°, 100%, 40%
HSV	23°, 100%, 80%
XYZ	27.6978, 18.4293, 2.0974
YIQ	107.3690, 99.8590, 1.9310

Conversions

Conversions Part 2

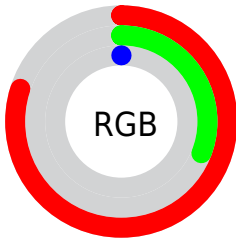
Format	Color
RYB	204, 129, 0
Decimal	13389568
CIELab	50.01, 46.95, 60.20
CIElCh	50, 76.348, 52.048
Yxy	18.4293, 0.5744, 0.3822
Android (android.graphics.Color)	4291579648 (0xFFCC4F00)
YUV	107.3690, -52.9329, 84.7454
Hunter-Lab	42.9294, 40.0408, 27.1539

Details

The YUV color **107.3690, -52.9329, 84.7454** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **96.6310, 52.9329, -84.7454**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.6830, -49.1437, 82.7160**, and **55.6600, -27.4404, 74.8432** is the 20% darker color. If you saturate the color by 10%, you get **107.3690, -52.9329, 84.7454**, and if you desaturate by 10%, it is **117.2800, -47.9590, 76.0534**.

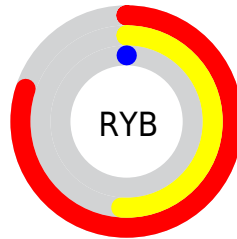
Distribution



Red (80%)

Green (31%)

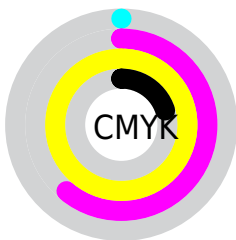
Blue (0%)



Red (80%)

Yellow (51%)

Blue (0%)

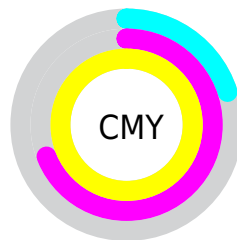


Cyan (0%)

Magenta (61%)

Yellow (100%)

Black (20%)



Cyan (20%)

Magenta (69%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 107.3690, -52.9329, 84.7454 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 107.3690, -52.9329, 84.7454 by changing the saturation by 10% instead.

■ 107.3690,
-52.9329, 84.7454

■ 107.3690,
-52.9329, 84.7454

■ 254.6580, -1.3104,
0.2999

■ 81.9520, -40.4023,
78.9721

■ 160.6830,
-49.1437, 82.7160

■ 55.6600, -27.4404,
74.8432

■ 179.9690,
-46.3267, 65.8022

■ 33.1890, -16.3622,
68.2402

■ 198.7820,
-42.7835, 49.3032

■ 24.2190, -11.9400,
49.7969

■ 218.8830,
-39.3823, 31.6746

■ 16.6730, -7.2338,
33.6128

■ 238.9840,
-35.9811, 14.0460


■ 2.9900, -1.4741,
6.1478

■ 248.0460,


■ 0.0000, 0.0000,


-26.6447, 6.0987


0.0000

 251.3520,
-13.9775, 3.1993

 107.3690,
-52.9329, 84.7454

 117.2800,
-47.9590, 76.0534

 126.7180,
-42.2590, 67.7763

 136.6290,
-37.2851, 59.0844

 146.0670,
-31.5850, 50.8072

 155.9780,
-26.6112, 42.1153

■ 165.3020,
-21.3479, 33.9381

■ 175.3270,
-15.9372, 25.1462

■ 184.6510,
-10.6739, 16.9691

■ 194.6760, -5.2633,
8.1771

Harmonies

Analogous

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



98.7400, -11.7038, 114.2380



107.3690, -52.9329, 84.7454



112.1110, -55.2707, 41.1217

Triad

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



107.3690, -52.9329, 84.7454



96.4010, 1.2813, -84.5437



110.2830, 64.4435, -43.2212

Complementary

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



107.3690, -52.9329, 84.7454



96.6310, 52.9329, -84.7454

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.



105.8700, 70.5631, -92.8480



107.3690, -52.9329, 84.7454



105.2130, 29.9680, -92.2718

Square

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



107.3690, -52.9329, 84.7454



85.1440, -29.1580, -74.6713



109.1350, 55.1494, -95.7114



118.8730, 39.9956, 51.8544

Rectangle

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



107.3690, -52.9329, 84.7454



108.9670, -53.7207, 10.5529



109.1350, 55.1494, -95.7114



98.1250, 73.8884, -86.0556

Sweetspot

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



107.3690, -52.9329, 84.7454



218.7470, -19.5953, 31.7939



75.3600, 24.9655, 112.8173



105.7330, -11.7004, 19.5282



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



107.3690, -52.9329, 84.7454



134.3580, -66.2385, 105.8030



166.6560, -82.1614, 32.7507



97.3380, -2.6316, 4.0886



87.2020, -42.9906, 69.1058



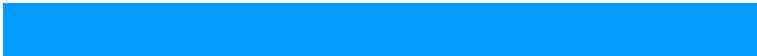
20.1670, -9.9423, 15.6395

Inverse Universe

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



96.6310, 52.9329, -84.7454



120.6420, 66.2385, -105.8030



37.3440, 82.1614, -32.7507



96.6620, 2.6316, -4.0886



78.7980, 42.9906, -69.1058



17.8330, 9.9423, -15.6395

Previews

White Background



This preview shows how the YUV color 107.3690, -52.9329, 84.7454 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 107.3690, -52.9329, 84.7454 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 107.3690, -52.9329, 84.7454 Background



This preview shows how black text looks on a background with the YUV color 107.3690, -52.9329, 84.7454.



This preview shows how white text looks on a background with the YUV color 107.3690, -52.9329, 84.7454.

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

107.3690, -52.9329, 84.7454

Protanopia

113.0850, -45.8909, 19.2195

Deuteranopia

112.0670, -55.2490, 34.1442



Tritanopia

113.9240, -17.7105, 80.7507

Trichromacy



Original Color

107.3690, -52.9329, 84.7454

Protanomaly

110.9570, -48.2928, 43.0107

Deuteranomaly

110.1170, -54.2877, 52.5174

Tritanomaly

111.6070, -30.3723, 81.9057

Monochromacy



Original Color

107.3690, -52.9329, 84.7454

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

107.1490, -19.3005, 30.5643

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.3690, -52.9329, 84.7454 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(204, 79, 0)` looks like.

```
.text, #text, p{  
    color:rgb(204, 79, 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(204, 79, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 79, 0) }
```

Border

The CSS property to change the border of an element to YUV 107.3690, -52.9329, 84.7454 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(204, 79, 0) }
```


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

```
.border{ border-color:rgb(204, 79, 0) }
```

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

Here you see how a box with a 4 pixel rgb(204, 79, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 79, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 79, 0);  
box-shadow:4px 4px 4px 4px rgb(204, 79, 0)  
}
```

Background

The CSS property to change the background color of an element to YUV 107.3690, -52.9329, 84.7454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 79, 0) }
```

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

```
.background{ background-color: rgb(204, 79,  
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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