

Converting Colors

YUV(108.1890, -53.3372,
74.3792)

Have a look what the booklet for
YUV(108.1890, -53.3372, 74.3792)
contains.

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Color

**YUV(108.1890, -53.3372,
74.3792)**

Conversions

Conversions Part 1

Format	Color
Hex	C15600
RGB	193, 86, 0
RGB Percent	76%, 34%, 0%
CMY	0.2431, 0.6627, 1.0000
CMYK	0.00, 0.55, 1.00, 0.24
HSL	27°, 100%, 38%
HSV	27°, 100%, 76%
XYZ	25.3201, 17.9930, 2.1385
YIQ	108.1890, 91.3780, -4.0620

Conversions

Conversions Part 2

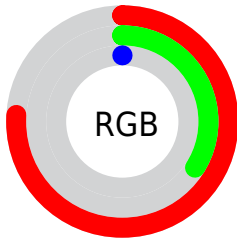
Format	Color
R_{YB}	193, 155, 0
Decimal	12670464
CIE _{Lab}	49.49, 39.45, 58.95
CIE _{LCh}	49, 70.929, 56.211
Yxy	17.9930, 0.5571, 0.3959
Android (android.graphics.Color)	4290860544 (0xFFC15600)
YUV	108.1890, -53.3372, 74.3792
Hunter-Lab	42.4182, 32.3177, 26.7037

Details

The YUV color **108.1890, -53.3372, 74.3792** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed red. A complement of this color would be **84.8110, 53.3372, -74.3792**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.2050, -50.8801, 79.6272**, and **60.0130, -29.5864, 63.1326** is the 20% darker color. If you saturate the color by 10%, you get **108.1890, -53.3372, 74.3792**, and if you desaturate by 10%, it is **116.8120, -48.2213, 66.8169**.

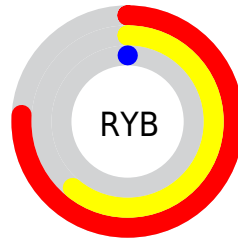
Distribution



Red (76%)

Green (34%)

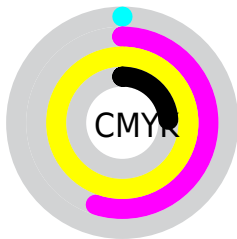
Blue (0%)



Red (76%)

Yellow (61%)

Blue (0%)

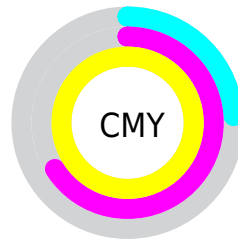


Cyan (0%)

Magenta (55%)

Yellow (100%)

Black (24%)



Cyan (24%)

Magenta (66%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 108.1890, -53.3372, 74.3792 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 108.1890, -53.3372, 74.3792 by changing the saturation by 10% instead.

108.1890,
-53.3372, 74.3792

108.1890,
-53.3372, 74.3792

254.6580, -1.3104,
0.2999

84.2450, -41.5328,
68.1911

164.2050,
-50.8801, 79.6272

60.0130, -29.5864,
63.1326

183.0180,
-47.3369, 63.1282

32.8460, -16.1931,
60.6481

202.4180,
-44.0831, 46.1144

21.5280, -10.6133,
44.2639

221.9320,
-40.3925, 29.0006


14.5800, -6.2019,
29.3093


242.0330,
-36.9913, 11.3721


0.0000, 0.0000,
0.0000


248.1600,


-26.2079, 5.9987


 251.3520,
-13.9775, 3.1993


 108.1890,
-53.3372, 74.3792

 116.8120,
-48.2213, 66.8169

 124.9620,
-42.3793, 59.6693

 133.5850,
-37.2634, 52.1070

 142.2080,
-32.1475, 44.5446

 150.3580,
-26.3055, 37.3970

■ 158.9810,
-21.1896, 29.8347

■ 167.6040,
-16.0738, 22.2723

■ 176.2270,
-10.9579, 14.7099

■ 184.3770, -5.1159,
7.5624

Harmonies

Analogous

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



104.4580, -17.4808, 100.4533



108.1890, -53.3372, 74.3792



110.8820, -54.6648, 33.4295

Triad

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



108.1890, -53.3372, 74.3792



96.2530, 5.7913, -84.4139



115.3200, 55.0582, -19.5746

Complementary

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



108.1890, -53.3372, 74.3792



84.8110, 53.3372, -74.3792

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.



102.3820, 67.3527, -89.7890



108.1890, -53.3372, 74.3792



103.9080, 32.5834, -91.1273

Square

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



108.1890, -53.3372, 74.3792



86.6090, -21.0062, -75.9561



107.0320, 54.7072, -93.8671



117.5870, 33.7276, 55.6132

Rectangle

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



108.1890, -53.3372, 74.3792



106.8630, -52.6835, 4.5051



107.0320, 54.7072, -93.8671



93.7080, 69.6570, -82.1819

Sweetspot

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



108.1890, -53.3372, 74.3792



216.7960, -20.6054, 29.1199



70.1330, 19.1614, 107.7544



105.1950, -12.4211, 17.3690



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



108.1890, -53.3372, 74.3792



139.9070, -68.9742, 96.5516



163.3670, -80.5399, 25.9881



92.9250, -2.9210, 3.5738



90.4030, -44.5687, 61.9136



18.6720, -9.2053, 12.5657

Inverse Universe

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



84.8110, 53.3372, -74.3792



110.0930, 68.9742, -96.5516



29.6330, 80.5399, -25.9881



91.6620, 2.6316, -4.0886



70.5970, 44.5687, -61.9136



14.3280, 9.2053, -12.5657

Previews

White Background



This preview shows how the YUV color 108.1890, -53.3372, 74.3792 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 108.1890, -53.3372, 74.3792 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 108.1890, -53.3372, 74.3792

Background



This preview shows how black text looks on a background with the YUV color 108.1890, -53.3372, 74.3792.



This preview shows how white text looks on a background with the YUV color 108.1890, -53.3372, 74.3792.

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

111.6720, -46.1803, 18.7047

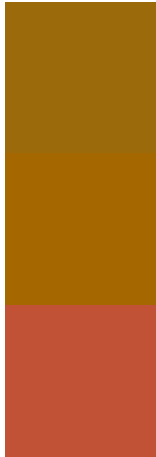
Deuteranopia

110.2950, -54.3754, 33.9443

Tritanopia

114.9550, -14.7678, 70.1995

Trichromacy



Protanomaly

110.4080, -49.0081, 39.1072

Deuteranomaly

109.7960, -54.1294, 48.4139

Tritanomaly

112.2960, -28.7399, 71.6544

Monochromacy



Achromatopsia

108.0000, 0.0000, 0.0000

Achromatomaly

108.1270, -19.2896, 27.0756

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.1890, -53.3372, 74.3792 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(193, 86, 0)` looks like.

```
.text, #text, p{  
    color:rgb(193, 86, 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(193, 86, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 86, 0) }
```

Border

The CSS property to change the border of an element to YUV 108.1890, -53.3372, 74.3792 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(193, 86, 0) }
```

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

```
.border{ border-color:rgb(193, 86, 0) }
```

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

Here you see how a box with a 4 pixel rgb(193, 86, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 86, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 86, 0);  
box-shadow:4px 4px 4px 4px rgb(193, 86, 0)  
}
```


Background

The CSS property to change the background color of an element to YUV 108.1890, -53.3372, 74.3792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 86, 0) }
```

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

```
.background{ background-color: rgb(193, 86,  
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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