

Converting Colors

YUV(107.9010, -53.1952,
75.5088)

Have a look what the booklet for
YUV(107.9010, -53.1952, 75.5088)
contains.

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Color

**YUV(107.9010, -53.1952,
75.5088)**

Conversions

Conversions Part 1

Format	Color
Hex	C25500
RGB	194, 85, 0
RGB Percent	76%, 33%, 0%
CMY	0.2392, 0.6667, 1.0000
CMYK	0.00, 0.56, 1.00, 0.24
HSL	26°, 100%, 38%
HSV	26°, 100%, 76%
XYZ	25.4966, 17.9663, 2.1240
YIQ	107.9010, 92.2490, -3.3270

Conversions

Conversions Part 2

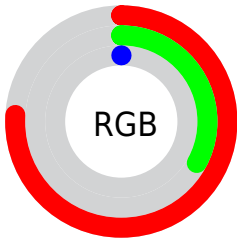
Format	Color
RYB	194, 151, 0
Decimal	12735744
CIELab	49.46, 40.33, 59.01
CIELCh	49, 71.480, 55.651
Yxy	17.9663, 0.5593, 0.3941
Android (android.graphics.Color)	4290925824 (0xFFC25500)
YUV	107.9010, -53.1952, 75.5088
Hunter-Lab	42.3867, 33.1953, 26.6996

Details

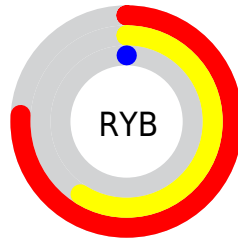
The YUV color **107.9010, -53.1952, 75.5088** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed red. A complement of this color would be **86.0990, 53.1952, -75.5088**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.6180, -50.5907, 80.1420**, and **59.4260, -29.2970, 63.6474** is the 20% darker color. If you saturate the color by 10%, you get **107.9010, -53.1952, 75.5088**, and if you desaturate by 10%, it is **116.5240, -48.0793, 67.9465**.

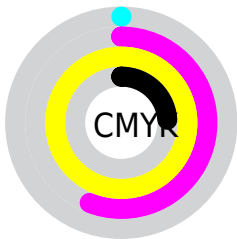
Distribution



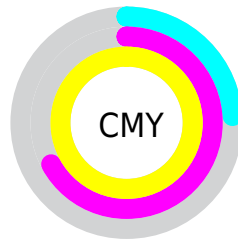
- Red (76%)
- Green (33%)
- Blue (0%)



- Red (76%)
- Yellow (59%)
- Blue (0%)



- Cyan (0%)
- Magenta (56%)
- Yellow (100%)
- Black (24%)



- Cyan (24%)
- Magenta (67%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 107.9010, -53.1952, 75.5088 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 107.9010, -53.1952, 75.5088 by changing the saturation by 10% instead.

■ 107.9010,
-53.1952, 75.5088

■ 107.9010,
-53.1952, 75.5088

■ 254.6580, -1.3104,
0.2999

■ 83.9570, -41.3908,
69.3207

■ 163.6180,
-50.5907, 80.1420

■ 59.4260, -29.2970,
63.6474

■ 182.4310,
-47.0475, 63.6430

■ 31.6720, -15.6143,
61.6777

■ 201.8310,
-43.7937, 46.6292

■ 21.8270, -10.7607,
44.8787

■ 221.2310,
-40.5399, 29.6154


■ 14.8790, -6.3493,
29.9241


■ 241.4460,
-36.7019, 11.8869


■ 0.0000, 0.0000,
0.0000


■ 248.1600,

-26.2079, 5.9987


 251.3520,
-13.9775, 3.1993

 107.9010,
-53.1952, 75.5088

 116.5240,
-48.0793, 67.9465

 125.2610,
-42.5267, 60.2841

 133.8840,
-37.4108, 52.7217

 142.6210,
-31.8582, 45.0594

 150.6570,
-26.4529, 38.0118

■ 159.2800,
-21.3370, 30.4494

■ 168.0170,
-15.7844, 22.7871

■ 176.6400,
-10.6685, 15.2247

■ 185.3770, -5.1159,
7.5624

Harmonies

Analogous

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



103.5830, -17.0494, 102.0977



107.9010, -53.1952, 75.5088



110.5940, -54.5228, 34.5591

Triad

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



107.9010, -53.1952, 75.5088



96.1390, 5.3545, -84.3139



114.5370, 55.9373, -21.5189

Complementary

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



107.9010, -53.1952, 75.5088



86.0990, 53.1952, -75.5088

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.



102.4960, 67.7895, -89.8890



107.9010, -53.1952, 75.5088



103.7940, 32.1466, -91.0273

Square

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



107.9010, -53.1952, 75.5088



86.3810, -21.8798, -75.7561



107.0320, 54.7072, -93.8671



117.4020, 34.3118, 54.8984

Rectangle

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



107.9010, -53.1952, 75.5088



107.1620, -52.8309, 5.1199



107.0320, 54.7072, -93.8671



93.8220, 70.0938, -82.2819

Sweetspot

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



107.9010, -53.1952, 75.5088



218.7960, -20.6054, 29.1199



70.5460, 19.4508, 108.2692



107.4940, -12.5685, 17.9838



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.



107.9010, -53.1952, 75.5088



140.5050, -69.2690, 97.7811



164.2530, -80.9767, 26.0881



92.3380, -2.6316, 4.0886



89.2290, -43.9899, 62.9432



18.6720, -9.2053, 12.5657

Inverse Universe

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



86.0990, 53.1952, -75.5088



112.0820, 68.9796, -98.2959



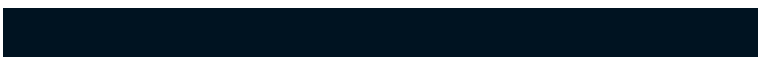
29.7470, 80.9767, -26.0881



91.6620, 2.6316, -4.0886



71.1840, 44.2793, -62.4284



14.9150, 8.9159, -13.0805

Previews

White Background



This preview shows how the YUV color 107.9010, -53.1952, 75.5088 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 107.9010, -53.1952, 75.5088 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

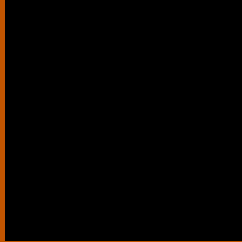
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 107.9010, -53.1952, 75.5088

Background



This preview shows how black text looks on a background with the YUV color 107.9010, -53.1952, 75.5088.



This preview shows how white text looks on a background with the YUV color 107.9010, -53.1952,

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

Tritanopia

114.5530, -15.0626, 71.4290

Trichromacy



Protanomaly

110.4080, -49.0081, 39.1072



Tritanomaly

111.8940, -29.0347, 72.8840

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 107.9010, -53.1952, 75.5088 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(194, 85, 0)` looks like.

```
.text, #text, p{  
    color:rgb(194, 85, 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(194, 85, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 85, 0) }
```

Border

The CSS property to change the border of an element to YUV 107.9010, -53.1952, 75.5088 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(194, 85, 0) }
```

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

```
.border{ border-color:rgb(194, 85, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 85, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 85, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 85, 0);  
box-shadow:4px 4px 4px 4px rgb(194, 85, 0)  
}
```


Background

The CSS property to change the background color of an element to YUV 107.9010, -53.1952, 75.5088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 85, 0) }
```

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

```
.background{ background-color: rgb(194, 85,  
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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