

Converting Colors

YUV(35.1590, -10.9244,
50.7266)

Have a look what the booklet for
YUV(35.1590, -10.9244, 50.7266)
contains.

YUV(35.1590, -10.9244, 50.7266)	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(35.1590, -10.9244,
50.7266)**

Conversions

Conversions Part 1

Format	Color
Hex	5D0A0D
RGB	93, 10, 13
RGB Percent	36%, 4%, 5%
CMY	0.6353, 0.9608, 0.9490
CMYK	0.00, 0.89, 0.86, 0.64
HSL	358°, 81%, 20%
HSV	358°, 89%, 36%
XYZ	4.6954, 2.5733, 0.6300
YIQ	35.1590, 48.5050, 18.5290

Conversions

Conversions Part 2

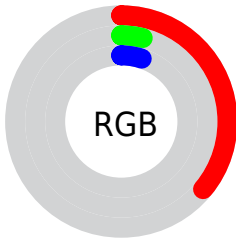
Format	Color
RYB	93, 10, 13
Decimal	6097421
CIELab	18.25, 35.85, 22.45
CIElCh	18, 42.296, 32.057
Yxy	2.5733, 0.5945, 0.3258
Android (android.graphics.Color)	4284287501 (0xFF5D0A0D)
YUV	35.1590, -10.9244, 50.7266
Hunter-Lab	16.0415, 24.1748, 8.9006

Details

The YUV color **35.1590, -10.9244, 50.7266** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **67.8410, 10.9244, -50.7266**, and the grayscale version is **35.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **87.9160, -15.7346, 53.5707**, and **12.3730, -5.6069, 25.1059** is the 20% darker color. If you saturate the color by 10%, you get **28.8500, -12.2510, 56.2596**, and if you desaturate by 10%, it is **41.4680, -9.5977, 45.1936**.

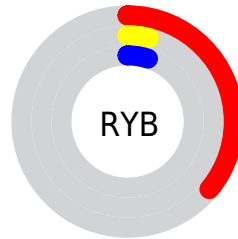
Distribution



Red (36%)

Green (4%)

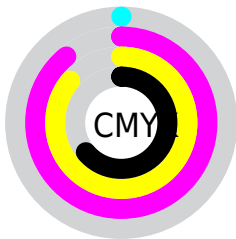
Blue (5%)



Red (36%)

Yellow (4%)

Blue (5%)

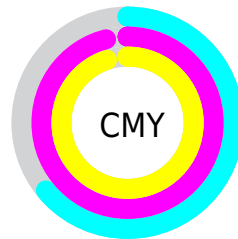


Cyan (0%)

Magenta (89%)

Yellow (86%)

Black (64%)



Cyan (64%)

Magenta (96%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 35.1590, -10.9244, 50.7266 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 35.1590, -10.9244, 50.7266 by changing the saturation by 10% instead.

■ 35.1590, -10.9244,
50.7266

■ 35.1590, -10.9244,
50.7266

■ 251.1870, -6.9942,
3.3440

■ 19.7340, -9.7289,
40.5753

■ 87.9160, -15.7346,
53.5707

■ 12.3730, -5.6069,
25.1059

■ 113.8840,
-17.1978, 56.2297

■ 0.0000, 0.0000,
0.0000


■ 140.2650,
-18.3716, 59.4036


■ 167.6350,
-19.5401, 60.8331


■ 191.8300,
-18.6502, 55.4001


■ 210.7570,


-14.6702, 38.8011


 230.8580,
-11.2690, 21.1725


 35.1590, -10.9244,
50.7266


 35.1590, -10.9244,
50.7266


 28.8500, -12.2510,
56.2596


 41.4680, -9.5977,
45.1936

 28.1490, -12.3985,
56.8743

 48.3640, -8.5605,
39.1458

 54.6730, -7.2338,
33.6128

 60.9820, -5.9071,
28.0798

 67.8780, -4.8699,
22.0320

■ 74.1870, -3.5432,
16.4990

■ 80.4960, -2.2165,
10.9660

■ 86.8050, -0.8899,
5.4330

■ 93.7010, 0.1474,
-0.6148

Harmonies

Analogous

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



33.7200, 5.0680, 54.6196



35.1590, -10.9244, 50.7266



41.5190, -20.4689, 31.9938

Triad

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



35.1590, -10.9244, 50.7266



33.7670, -10.2381, -29.6137



40.3740, 32.8466, -35.4080

Complementary

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



35.1590, -10.9244, 50.7266



67.8410, 10.9244, -50.7266

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.



43.5710, 27.3265, -38.2118



35.1590, -10.9244, 50.7266



38.7030, 3.5974, -33.9425

Square

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



35.1590, -10.9244, 50.7266



37.4010, -18.4387, -12.6297



42.1230, 16.7014, -36.9419



44.4600, 25.9022, -1.2804

Rectangle

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



35.1590, -10.9244, 50.7266



42.3170, -20.8623, 18.1390



42.1230, 16.7014, -36.9419



42.0210, 31.5416, -36.8524

Sweetspot

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



35.1590, -10.9244, 50.7266



97.0950, -3.9908, 20.0877



43.0830, 24.6091, 40.2692



47.6810, -2.8007, 11.6808



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



35.1590, -10.9244, 50.7266



36.3360, -15.9416, 73.3733



56.5360, -22.9422, 31.9789



42.4950, -0.7370, 3.0739



33.3460, -14.4676, 67.2256



71.8890, -31.0043, 144.8023

Inverse Universe

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



35.1590, -10.9244, 50.7266



36.3360, -15.9416, 73.3733



46.4640, 22.9422, -31.9789



42.4950, -0.7370, 3.0739



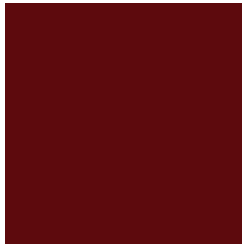
33.3460, -14.4676, 67.2256



71.8890, -31.0043, 144.8023

Previews

White Background



This preview shows how the YUV color 35.1590, -10.9244, 50.7266 looks on a white background.

Color Contrast Check

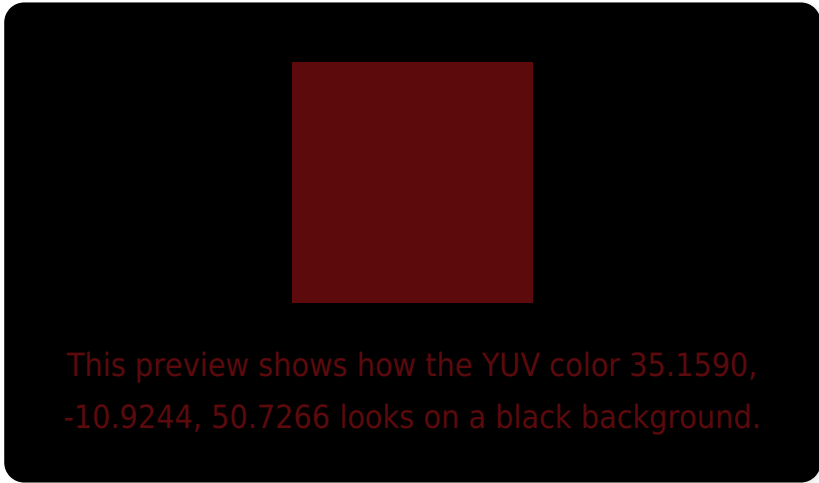
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

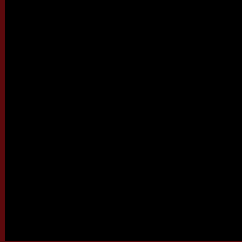
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 35.1590, -10.9244, 50.7266

Background



This preview shows how black text looks on a background with the YUV color 35.1590, -10.9244, 50.7266.

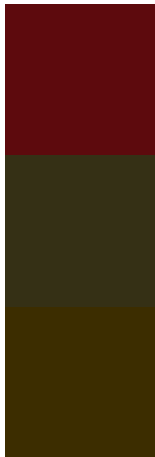


This preview shows how white text looks on a background with the YUV color 35.1590, -10.9244,

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

35.1590, -10.9244, 50.7266

Protanopia

46.4170, -12.5306, 5.7733

Deuteranopia

44.3550, -21.8670, 13.7207



Tritanopia

35.1760, -13.3978, 50.7116

Trichromacy



Original Color

35.1590, -10.9244, 50.7266

Protanomaly

42.3420, -12.0006, 22.5021

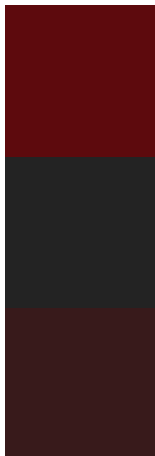
Deuteranomaly

40.8820, -17.6898, 27.2905

Tritanomaly

35.4040, -12.5242, 50.5117

Monochromacy



Original Color

35.1590, -10.9244, 50.7266

Achromatopsia

35.0000, 0.0000, 0.0000

Achromatomaly

35.0840, -3.9854, 18.3433

CSS Examples

Text

The CSS property to change the color of the text to YUV 35.1590, -10.9244, 50.7266 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(93, 10, 13)` looks like.

```
.text, #text, p{  
    color:rgb(93, 10, 13)  
}
```

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(93, 10, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 10, 13) }
```

Border

The CSS property to change the border of an element to YUV 35.1590, -10.9244, 50.7266 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(93, 10, 13) }
```


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

```
.border{ border-color:rgb(93, 10, 13) }
```

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

Here you see how a box with a 4 pixel rgb(93, 10, 13) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 10, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 10, 13);  
box-shadow:4px 4px 4px 4px rgb(93, 10, 13)  
}
```

Background

The CSS property to change the background color of an element to YUV 35.1590, -10.9244, 50.7266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 10, 13) }
```

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

```
.background{ background-color: rgb(93, 10,  
13) }
```

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