

Converting Colors

YUV(30.3390, -13.9711,
47.9377)

Have a look what the booklet for
YUV(30.3390, -13.9711, 47.9377)
contains.

| | |
|--|----|
| YUV(30.3390, -13.9711, 47.9377) | 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(30.3390, -13.9711,
47.9377)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 550802 |
| RGB | 85, 8, 2 |
| RGB Percent | 33%, 3%, 1% |
| CMY | 0.6667, 0.9686, 0.9922 |
| CMYK | 0.00, 0.91, 0.98, 0.67 |
| HSL | 4°, 95%, 17% |
| HSV | 4°, 98%, 33% |
| XYZ | 3.8441, 2.1093, 0.2620 |
| YIQ | 30.3390, 47.8180, 14.4580 |

Conversions

Conversions Part 2

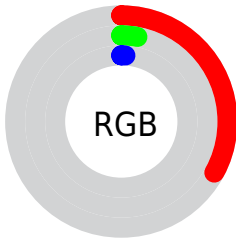
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 85, 8, 2 |
| Decimal | 5572610 |
| CIE Lab | 16.05, 33.48, 23.93 |
| CIE LCh | 16, 41.149, 35.554 |
| Yxy | 2.1093, 0.6185, 0.3394 |
| Android (android.graphics.Color) | 4283762690 (0xFF550802) |
| YUV | 30.3390, -13.9711, 47.9377 |
| Hunter-Lab | 14.5236, 21.8291, 9.0971 |

Details

The YUV color **30.3390, -13.9711, 47.9377** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **56.6610, 13.9711, -47.9377**, and the grayscale version is **30.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **82.5520, -17.0341, 50.3819**, and **9.0840, -3.9854, 18.3433** is the 20% darker color. If you saturate the color by 10%, you get **28.9370, -14.2659, 49.1673**, and if you desaturate by 10%, it is **36.0610, -12.3551, 42.9195**.

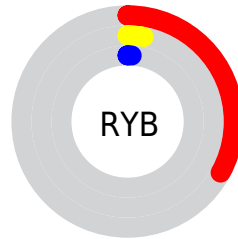
Distribution



Red (33%)

Green (3%)

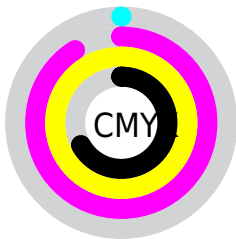
Blue (1%)



Red (33%)

Yellow (3%)

Blue (1%)

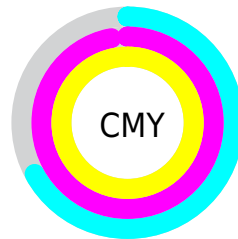


Cyan (0%)

Magenta (91%)

Yellow (98%)

Black (67%)



Cyan (67%)

Magenta (97%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the YUV color 30.3390, -13.9711, 47.9377 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 30.3390, -13.9711, 47.9377 by changing the saturation by 10% instead.

■ 30.3390, -13.9711,
47.9377

■ 30.3390, -13.9711,
47.9377

■ 247.1120, -9.9152,
6.9178

■ 17.3420, -8.5496,
35.6571

■ 82.5520, -17.0341,
50.3819

■ 9.0840, -3.9854,
18.3433

■ 107.9330,
-18.2080, 53.5558

■ 0.0000, 0.0000,
0.0000

■ 134.6020,
-19.5238, 55.6000


■ 161.5700,
-20.9870, 58.2591


■ 188.4560,
-21.4238, 58.3591


■ 207.3830,


-17.4438, 41.7601


 226.8970,
-13.7532, 24.6463


 30.3390, -13.9711,
47.9377


 30.3390, -13.9711,
47.9377


 28.9370, -14.2659,
49.1673

 36.0610, -12.3551,
42.9195

 41.6690, -11.1758,
38.0013

 47.3910, -9.5598,
32.9831

 52.9990, -8.3805,
28.0649

 58.1340, -6.4751,
23.5615

■ 63.7420, -5.2958,
18.6433

■ 69.4640, -3.6798,
13.6251

■ 75.0720, -2.5005,
8.7069

■ 80.6800, -1.3212,
3.7886

Harmonies

Analogous

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



30.7150, 2.6055, 51.1159



30.3390, -13.9711, 47.9377



37.6540, -18.5634, 27.4904

Triad

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



30.3390, -13.9711, 47.9377



30.8320, -8.7912, -27.0397



35.9400, 31.0886, -31.5194

Complementary

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



30.3390, -13.9711, 47.9377



56.6610, 13.9711, -47.9377

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.



39.4790, 26.8789, -34.6231



30.3390, -13.9711, 47.9377



35.6540, 4.6076, -31.2686

Square

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



30.3390, -13.9711, 47.9377



31.7750, -15.6651, -15.5887



38.9600, 17.2747, -34.1679



40.2110, 23.5600, 3.3230

Rectangle

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



30.3390, -13.9711, 47.9377



37.8650, -18.6674, 14.1504



38.9600, 17.2747, -34.1679



37.7010, 30.2204, -33.0638

Sweetspot

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



30.3390, -13.9711, 47.9377



88.7420, -5.2958, 18.6433



35.5950, 21.3987, 43.3282



43.1540, -3.5269, 11.2659



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



30.3390, -13.9711, 47.9377



37.5860, -18.5299, 63.5071



54.4060, -25.8362, 26.8309



40.1960, -0.5896, 2.4591



36.6890, -18.0877, 61.6627



80.2440, -39.5603, 135.7210

Inverse Universe

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



56.6610, 13.9711, -47.9377



72.4140, 18.5299, -63.5071



32.5940, 25.8362, -26.8309



41.8040, 0.5896, -2.4591



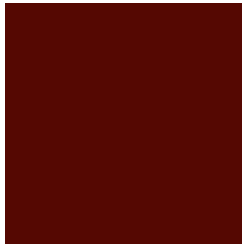
70.3110, 18.0877, -61.6627



154.7560, 39.5603, -135.7210

Previews

White Background



This preview shows how the YUV color 30.3390, -13.9711, 47.9377 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

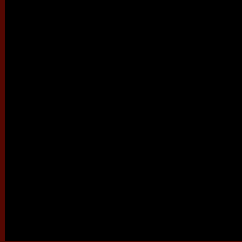
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 30.3390, -13.9711, 47.9377

Background



This preview shows how black text looks on a background with the YUV color 30.3390, -13.9711, 47.9377.



This preview shows how white text looks on a background with the YUV color 30.3390, -13.9711,

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

30.3390, -13.9711, 47.9377

Protanopia

41.1460, -14.8620, 6.8880

Deuteranopia

40.2130, -19.8250, 12.0912



Tritanopia

30.4530, -13.5343, 47.8377

Trichromacy



Original Color

30.3390, -13.9711, 47.9377

Protanomaly

37.0600, -14.3266, 21.8724

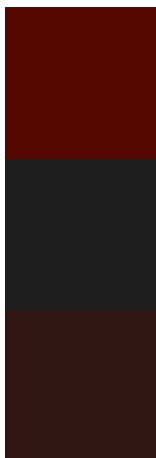
Deuteranomaly

36.5720, -17.5370, 24.9314

Tritanomaly

30.4530, -13.5343, 47.8377

Monochromacy



Original Color

30.3390, -13.9711, 47.9377

Achromatopsia

30.0000, 0.0000, 0.0000

Achromatomaly

30.1440, -5.0010, 17.4137

CSS Examples

Text

The CSS property to change the color of the text to YUV 30.3390, -13.9711, 47.9377 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(85, 8, 2)` looks like.

```
.text, #text, p{  
    color:rgb(85, 8, 2)  
}
```

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(85, 8, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 8, 2) }
```

Border

The CSS property to change the border of an element to YUV 30.3390, -13.9711, 47.9377 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(85, 8, 2) }
```


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

```
.border{ border-color:rgb(85, 8, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 8, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 8, 2); -webkit-box-shadow:4px  
4px 4px 4px rgb(85, 8, 2); box-shadow:4px  
4px 4px 4px rgb(85, 8, 2) }
```

Background

The CSS property to change the background color of an element to YUV 30.3390, -13.9711, 47.9377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 8, 2) }
```

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

```
.background{ background-color: rgb(85, 8,  
2) }
```

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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