

Converting Colors

YUV(30.4300, -8.5930, 49.6119)

Have a look what the booklet for
YUV(30.4300, -8.5930, 49.6119)
contains.

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Color

**YUV(30.4300, -8.5930,
49.6119)**

Conversions

Conversions Part 1

Format	Color
Hex	57050D
RGB	87, 5, 13
RGB Percent	34%, 2%, 5%
CMY	0.6588, 0.9804, 0.9490
CMYK	0.00, 0.94, 0.85, 0.66
HSL	354°, 89%, 18%
HSV	354°, 94%, 34%
XYZ	4.0574, 2.1638, 0.5846
YIQ	30.4300, 46.3040, 19.8720

Conversions

Conversions Part 2

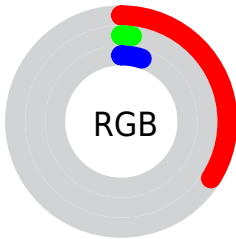
Format	Color
RYB	87, 5, 13
Decimal	5702925
CIELab	16.32, 35.42, 19.78
CIELCh	16, 40.567, 29.189
Yxy	2.1638, 0.5962, 0.3179
Android (android.graphics.Color)	4283893005 (0xFF57050D)
YUV	30.4300, -8.5930, 49.6119
Hunter-Lab	14.7100, 23.4925, 7.9408

Details

The YUV color **30.4300, -8.5930, 49.6119** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **61.5700, 8.5930, -49.6119**, and the grayscale version is **30.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **83.7740, -13.6926, 51.9412**, and **9.9810, -4.4276, 20.1877** is the 20% darker color. If you saturate the color by 10%, you get **26.9250, -9.3300, 52.6858**, and if you desaturate by 10%, it is **36.6250, -7.7031, 44.1789**.

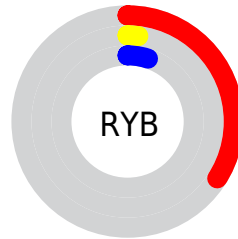
Distribution



Red (34%)

Green (2%)

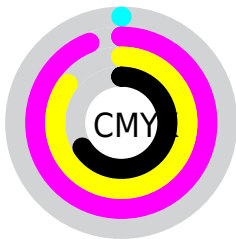
Blue (5%)



Red (34%)

Yellow (2%)

Blue (5%)

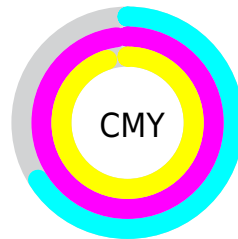


Cyan (0%)

Magenta (94%)

Yellow (85%)

Black (66%)



Cyan (66%)

Magenta (98%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 30.4300, -8.5930, 49.6119 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 30.4300, -8.5930, 49.6119 by changing the saturation by 10% instead.

■ 30.4300, -8.5930,
49.6119

■ 30.4300, -8.5930,
49.6119

■ 248.1380, -5.9840,
6.0180

■ 17.9400, -8.8444,
36.8866

■ 83.7740, -13.6926,
51.9412

■ 9.9810, -4.4276,
20.1877

■ 109.4430,
-15.0084, 53.9855

■ 0.0000, 0.0000,
0.0000

■ 135.5250,
-16.0348, 56.5446

■ 162.6070,
-17.0613, 59.1037

■ 188.8950,
-17.2032, 57.9741

■ 208.2950,

-13.9494, 40.9603

■ 227.9230, -9.8220,
23.7465

■ 30.4300, -8.5930,
49.6119

■ 30.4300, -8.5930,
49.6119

■ 26.9250, -9.3300,
52.6858

■ 36.6250, -7.7031,
44.1789

■ 42.2330, -6.5239,
39.2607

■ 48.4280, -5.6340,
33.8276

■ 54.5090, -5.1809,
28.4946

■ 60.1170, -4.0017,
23.5764

■ 66.3120, -3.1118,
18.1434

■ 72.5070, -2.2220,
12.7104

■ 78.7020, -1.3321,
7.2773

■ 84.3100, -0.1528,
2.3591

Harmonies

Analogous

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



31.2140, 5.8105, 49.8013



30.4300, -8.5930, 49.6119



37.3880, -18.4323, 32.1087

Triad

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



30.4300, -8.5930, 49.6119



29.9200, -12.2856, -26.2398



37.7010, 30.2204, -33.0638

Complementary

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



30.4300, -8.5930, 49.6119



61.5700, 8.5930, -49.6119

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.



40.1970, 24.5529, -35.2528



30.4300, -8.5930, 49.6119



34.9700, 1.9868, -30.6687

Square

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



30.4300, -8.5930, 49.6119



34.4660, -16.9917, -10.0557



38.2760, 14.6539, -33.5681



39.4270, 25.9185, -6.5135

Rectangle

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



30.4300, -8.5930, 49.6119



38.4850, -18.9731, 18.8687



38.2760, 14.6539, -33.5681



38.7610, 29.2048, -33.9934

Sweetspot

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



30.4300, -8.5930, 49.6119



90.6110, -3.2592, 18.7582



36.4740, 24.9093, 37.2953



42.9090, -1.9271, 11.4808



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.



30.4300, -8.5930, 49.6119



34.7420, -11.7048, 67.7553



48.8890, -21.6373, 33.4233



40.1960, -0.5896, 2.4591



33.1330, -11.4046, 64.7814



72.8870, -24.5943, 142.1731

Inverse Universe

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



30.4300, -8.5930, 49.6119



34.7420, -11.7048, 67.7553



43.1110, 21.6373, -33.4233



40.1960, -0.5896, 2.4591



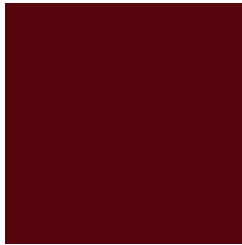
33.1330, -11.4046, 64.7814



72.8870, -24.5943, 142.1731

Previews

White Background



This preview shows how the YUV color 30.4300, -8.5930, 49.6119 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 30.4300, -8.5930, 49.6119

Background



This preview shows how black text looks on a background with the YUV color 30.4300, -8.5930, 49.6119.



This preview shows how white text looks on a background with the YUV color 30.4300, -8.5930,

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

30.4300, -8.5930, 49.6119

Protanopia

42.8730, -10.7834, 5.3734

Tritanopia

30.7090, -15.1395, 49.3672

Trichromacy



Original Color

30.4300, -8.5930, 49.6119

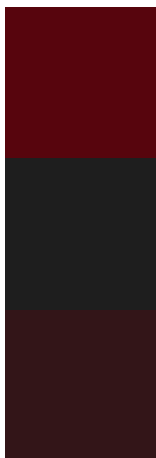
Protanomaly

38.4990, -10.1060, 21.4874

Tritanomaly

30.6920, -12.6662, 49.3821

Monochromacy



Original Color

30.4300, -8.5930, 49.6119

Achromatopsia

30.0000, 0.0000, 0.0000

Achromatomaly

30.3120, -3.1118, 18.1434

CSS Examples

Text

The CSS property to change the color of the text to YUV 30.4300, -8.5930, 49.6119 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(87, 5, 13)` looks like.

```
.text, #text, p{  
    color:rgb(87, 5, 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(87, 5, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 5, 13) }
```

Border

The CSS property to change the border of an element to YUV 30.4300, -8.5930, 49.6119 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(87, 5, 13) }
```

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

```
.border{ border-color:rgb(87, 5, 13) }
```

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

Here you see how a box with a 4 pixel rgb(87, 5, 13) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 5, 13); -webkit-box-shadow:4px  
4px 4px 4px rgb(87, 5, 13); box-shadow:4px  
4px 4px 4px rgb(87, 5, 13) }
```


Background

The CSS property to change the background color of an element to YUV 30.4300, -8.5930, 49.6119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 5, 13) }
```

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

```
.background{ background-color: rgb(87, 5,  
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](#).

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