

Converting Colors

YUV(25.4580, -11.0718,
51.3413)

Have a look what the booklet for
YUV(25.4580, -11.0718, 51.3413)
contains.

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Color

**YUV(25.4580, -11.0718,
51.3413)**

Conversions

Conversions Part 1

Format	Color
Hex	540003
RGB	84, 0, 3
RGB Percent	33%, 0%, 1%
CMY	0.6706, 1.0000, 0.9882
CMYK	0.00, 1.00, 0.96, 0.67
HSL	358°, 100%, 16%
HSV	358°, 100%, 33%
XYZ	3.6726, 1.8914, 0.2577
YIQ	25.4580, 49.1010, 18.7410

Conversions

Conversions Part 2

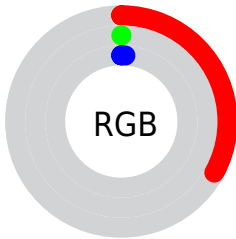
Format	Color
R_{YB}	84, 0, 3
Decimal	5505027
CIE Lab	14.91, 35.82, 22.02
CIE LCh	15, 42.044, 31.577
Yxy	1.8914, 0.6309, 0.3249
Android (android.graphics.Color)	4283695107 (0xFF540003)
YUV	25.4580, -11.0718, 51.3413
Hunter-Lab	13.7528, 23.5999, 8.5162

Details

The YUV color **25.4580, -11.0718, 51.3413** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **58.5420, 11.0718, -51.3413**, and the grayscale version is **26.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **79.7310, -15.1504, 52.8559**, and **8.1870, -3.5432, 16.4990** is the 20% darker color. If you saturate the color by 10%, you get **25.4580, -11.0718, 51.3413**, and if you desaturate by 10%, it is **31.0660, -9.8925, 46.4231**.

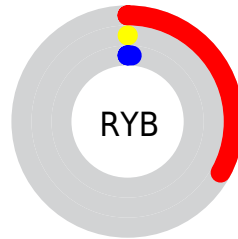
Distribution



Red (33%)

Green (0%)

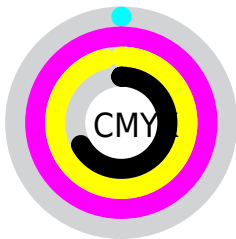
Blue (1%)



Red (33%)

Yellow (0%)

Blue (1%)

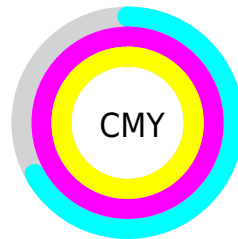


Cyan (0%)

Magenta (100%)

Yellow (96%)

Black (67%)



Cyan (67%)

Magenta (100%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the YUV color 25.4580, -11.0718, 51.3413 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 25.4580, -11.0718, 51.3413 by changing the saturation by 10% instead.

■ 25.4580, -11.0718,
51.3413

■ 25.4580, -11.0718,
51.3413

■ 244.2910, -8.0315,
9.3918

■ 17.0430, -8.4022,
35.0423

■ 79.7310, -15.1504,
52.8559

■ 8.1870, -3.5432,
16.4990

■ 104.8130,
-16.1768, 55.4150

■ 0.0000, 0.0000,
0.0000


■ 131.3680,
-17.9294, 57.5593


■ 158.4500,
-18.9558, 60.1184


■ 185.6350,
-19.5401, 60.8331


■ 204.4480,


-15.9969, 44.3341


 224.0760,
-11.8695, 27.1203


 25.4580, -11.0718,
51.3413

 31.0660, -9.8925,
46.4231

 37.2610, -9.0027,
40.9901

 42.8690, -7.8234,
36.0719

 49.0640, -6.9336,
30.6389

 54.7860, -5.3175,
25.6207

■ 60.3940, -4.1382,
20.7025

■ 66.5890, -3.2484,
15.2694

■ 72.1970, -2.0691,
10.3512

■ 78.3920, -1.1793,
4.9182

Harmonies

Analogous

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



29.9320, 3.4845, 49.1716



25.4580, -11.0718, 51.3413



34.7190, -17.1165, 30.0644

Triad

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



25.4580, -11.0718, 51.3413



28.4040, -13.0172, -24.9103



35.2390, 30.9412, -30.9046

Complementary

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



25.4580, -11.0718, 51.3413



58.5420, 11.0718, -51.3413

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.



37.8490, 25.7104, -33.1936



25.4580, -11.0718, 51.3413



33.0950, 2.4182, -29.0243

Square

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



25.4580, -11.0718, 51.3413



30.3130, -14.9443, -13.4295



36.5150, 15.5221, -32.0237



36.4490, 25.9076, -3.0248

Rectangle

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



25.4580, -11.0718, 51.3413



35.8160, -17.6573, 16.8244



36.5150, 15.5221, -32.0237



36.8860, 29.6362, -32.3490

Sweetspot

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



25.4580, -11.0718, 51.3413



86.9810, -4.4276, 20.1877



33.4960, 24.8985, 40.7840



42.0940, -2.5113, 12.1956



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.



25.4580, -11.0718, 51.3413



33.3460, -14.4676, 67.2256



47.4220, -23.3790, 32.0789



38.1960, -0.5896, 2.4591



31.8510, -13.7305, 64.1517



70.2800, -30.7040, 141.8284

Inverse Universe

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



25.4580, -11.0718, 51.3413



33.3460, -14.4676, 67.2256



36.5780, 23.3790, -32.0789



38.1960, -0.5896, 2.4591



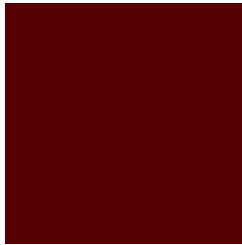
31.8510, -13.7305, 64.1517



70.2800, -30.7040, 141.8284

Previews

White Background



This preview shows how the YUV color 25.4580, -11.0718, 51.3413 looks on a white background.

Color Contrast Check

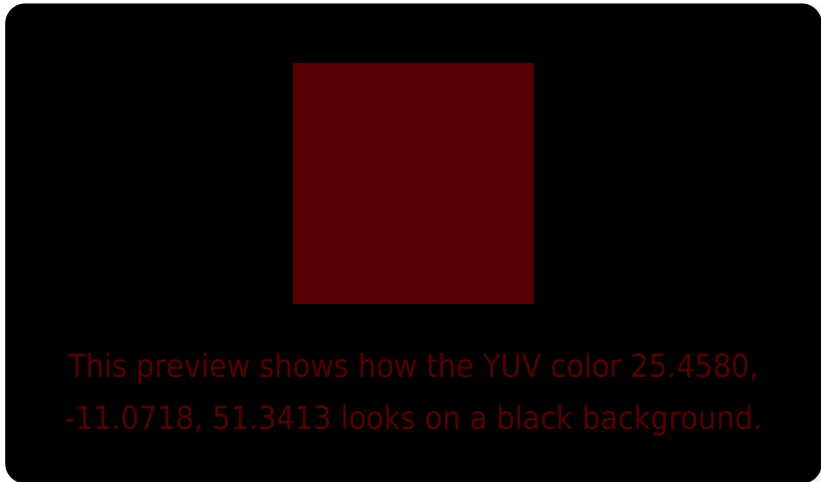
Large Text (above 18pt) WCAG AA ✓ Pass

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

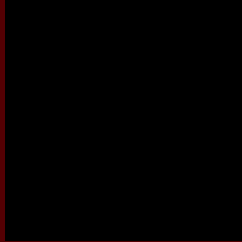
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 25.4580, -11.0718, 51.3413

Background



This preview shows how black text looks on a background with the YUV color 25.4580, -11.0718, 51.3413.

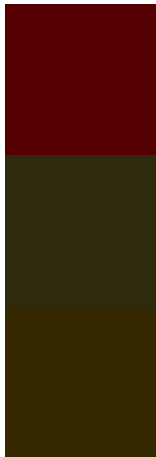


This preview shows how white text looks on a background with the YUV color 25.4580, -11.0718,

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

25.4580, -11.0718, 51.3413

Protanopia

40.3740, -13.9884, 6.6880

Deuteranopia

39.3270, -19.3882, 11.9912



Tritanopia

29.5130, -14.5499, 46.9081

Trichromacy



Original Color

25.4580, -11.0718, 51.3413

Protanomaly

35.1140, -12.8742, 22.7020

Deuteranomaly

33.9250, -16.2320, 26.3758

Tritanomaly

27.8660, -13.2449, 48.3525

Monochromacy



Original Color

25.4580, -11.0718, 51.3413

Achromatopsia

25.0000, 0.0000, 0.0000

Achromatomaly

25.0840, -3.9854, 18.3433

CSS Examples

Text

The CSS property to change the color of the text to YUV 25.4580, -11.0718, 51.3413 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(84, 0, 3)` looks like.

```
.text, #text, p{  
    color:rgb(84, 0, 3)  
}
```

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(84, 0, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 0, 3) }
```

Border

The CSS property to change the border of an element to YUV 25.4580, -11.0718, 51.3413 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(84, 0, 3) }
```


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

```
.border{ border-color:rgb(84, 0, 3) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 0, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 0, 3); -webkit-box-shadow:4px  
4px 4px 4px rgb(84, 0, 3); box-shadow:4px  
4px 4px 4px rgb(84, 0, 3) }
```

Background

The CSS property to change the background color of an element to YUV 25.4580, -11.0718, 51.3413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 0, 3) }
```

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

```
.background{ background-color: rgb(84, 0,  
3) }
```

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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