

Converting Colors

YUV(25.0540, -11.8586,
23.6316)

Have a look what the booklet for
YUV(25.0540, -11.8586, 23.6316)
contains.

YUV(25.0540, -11.8586, 23.6316)	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(25.0540, -11.8586,
23.6316)**

Conversions

Conversions Part 1

Format	Color
Hex	341001
RGB	52, 16, 1
RGB Percent	20%, 6%, 0%
CMY	0.7961, 0.9373, 0.9961
CMYK	0.00, 0.69, 0.98, 0.80
HSL	18°, 96%, 10%
HSV	18°, 98%, 20%
XYZ	1.6069, 1.1028, 0.1569
YIQ	25.0540, 26.2710, 2.9670

Conversions

Conversions Part 2

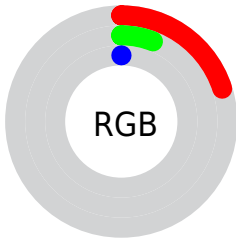
Format	Color
RYB	52, 22, 1
Decimal	3411969
CIELab	9.82, 17.03, 14.69
CIElCh	10, 22.492, 40.769
Yxy	1.1028, 0.5606, 0.3847
Android (android.graphics.Color)	4281602049 (0xFF341001)
YUV	25.0540, -11.8586, 23.6316
Hunter-Lab	10.5016, 8.9360, 6.4654

Details

The YUV color **25.0540, -11.8586, 23.6316** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **27.9460, 11.8586, -23.6316**, and the grayscale version is **25.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **70.3040, -10.9959, 26.9204**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **24.3530, -12.0060, 24.2464**, and if you desaturate by 10%, it is **27.9720, -10.8322, 21.0726**.

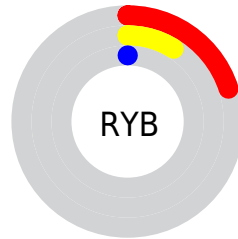
Distribution



Red (20%)

Green (6%)

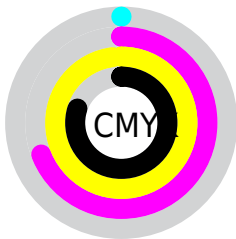
Blue (0%)



Red (20%)

Yellow (9%)

Blue (0%)

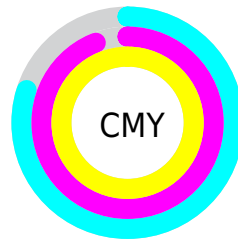


Cyan (0%)

Magenta (69%)

Yellow (98%)

Black (80%)



Cyan (80%)

Magenta (94%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 25.0540, -11.8586, 23.6316 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 25.0540, -11.8586, 23.6316 by changing the saturation by 10% instead.

■ 25.0540, -11.8586,
23.6316

■ 25.0540, -11.8586,
23.6316

■ 244.1770, -8.4683,
9.4918

■ 9.0840, -3.9854,
18.3433

■ 70.3040, -10.9959,
26.9204

■ 0.0000, 0.0000,
0.0000

■ 94.7880, -11.7275,
28.2499

■ 119.5710,
-12.6065, 30.1942


■ 146.0550,
-13.3381, 31.5238


■ 172.6530,
-13.6329, 32.7533


■ 200.1370,


-14.3645, 34.0829


 224.5490,
-12.5957, 26.7055


 25.0540, -11.8586,
23.6316

 25.0540, -11.8586,
23.6316


 24.3530, -12.0060,
24.2464

 27.9720, -10.8322,
21.0726

 30.3030, -9.5164,
19.0283

 33.3350, -8.0532,
16.3692

 36.2530, -7.0267,
13.8101

 38.5840, -5.7109,
11.7658

■ 41.5020, -4.6845,
9.2067

■ 44.4200, -3.6581,
6.6477

■ 46.8650, -1.9054,
4.5034

■ 49.7830, -0.8790,
1.9443

Harmonies

Analogous

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



25.6980, -1.8231, 24.8209



25.0540, -11.8586, 23.6316



26.3580, -12.9945, 14.5950

Triad

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



25.0540, -11.8586, 23.6316



21.7820, -2.8505, -19.1028



23.2440, 16.6417, -17.7540

Complementary

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



25.0540, -11.8586, 23.6316



27.9460, 11.8586, -23.6316

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.



24.5810, 15.4896, -21.5575



25.0540, -11.8586, 23.6316



24.1930, 3.8489, -21.2173

Square

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



25.0540, -11.8586, 23.6316



23.2690, -11.4716, -7.2519



25.3160, 10.6902, -22.2021



28.4920, 10.6034, 5.7075

Rectangle

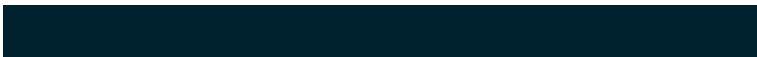
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



25.0540, -11.8586, 23.6316



25.7270, -12.6834, 8.1324



25.3160, 10.6902, -22.2021



23.6350, 16.9419, -20.7279

Sweetspot

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



25.0540, -11.8586, 23.6316



58.5020, -4.6845, 9.2067



20.4670, 8.6438, 27.6544



29.2350, -3.0739, 5.9329



163.0000, 0.0000, 0.0000



36.0000, 0.0000, 0.0000

Same Dimension

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



25.0540, -11.8586, 23.6316



32.3710, -15.9589, 32.1236



39.7290, -19.0934, 10.7617



24.4840, -0.7316, 1.3295



41.8730, -20.6434, 41.3304



102.4510, -50.5083, 100.4595

Inverse Universe

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



27.9460, 11.8586, -23.6316



36.6290, 15.9589, -32.1236



13.2710, 19.0934, -10.7617



24.5160, 0.7316, -1.3295



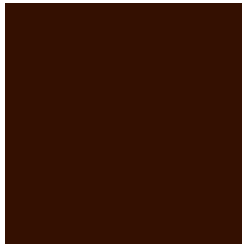
47.1270, 20.6434, -41.3304



114.5490, 50.5083, -100.4595

Previews

White Background



This preview shows how the YUV color 25.0540, -11.8586, 23.6316 looks on a white background.

Color Contrast Check

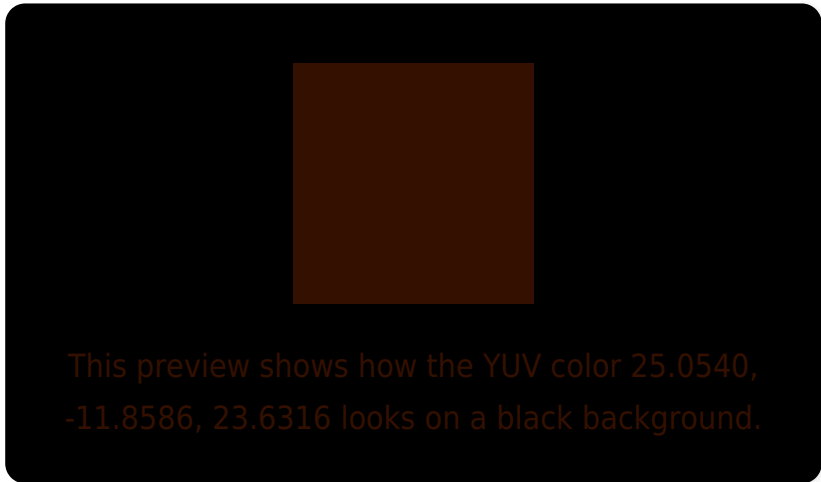
Large Text (above 18pt) WCAG AA ✓ Pass

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

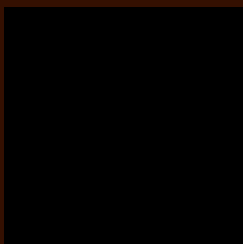
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 25.0540, -11.8586, 23.6316

Background



This preview shows how black text looks on a background with the YUV color 25.0540, -11.8586, 23.6316.

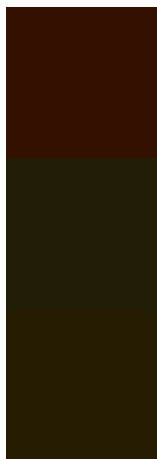


This preview shows how white text looks on a background with the YUV color 25.0540, -11.8586,

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

25.0540, -11.8586, 23.6316

Protanopia

27.5740, -10.6360, 4.7586

Deuteranopia

26.6130, -13.1202, 8.2324



Tritanopia

26.1770, -5.0173, 22.6468

Trichromacy



Original Color

25.0540, -11.8586, 23.6316

Protanomaly

26.5040, -11.0945, 11.8360

Deuteranomaly

26.0590, -12.8471, 13.9803

Tritanomaly

25.6070, -7.2013, 23.1467

Monochromacy



Original Color

25.0540, -11.8586, 23.6316

Achromatopsia

25.0000, 0.0000, 0.0000

Achromatomaly

25.2030, -4.5371, 8.5920

CSS Examples

Text

The CSS property to change the color of the text to YUV 25.0540, -11.8586, 23.6316 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(52, 16, 1)` looks like.

```
.text, #text, p{  
    color:rgb(52, 16, 1)  
}
```

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(52, 16, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 16, 1) }
```

Border

The CSS property to change the border of an element to YUV 25.0540, -11.8586, 23.6316 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(52, 16, 1) }
```


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

```
.border{ border-color:rgb(52, 16, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 16, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 16, 1); -webkit-box-shadow:4px  
4px 4px 4px rgb(52, 16, 1); box-shadow:4px  
4px 4px 4px rgb(52, 16, 1) }
```

Background

The CSS property to change the background color of an element to YUV 25.0540, -11.8586, 23.6316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 16, 1) }
```

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

```
.background{ background-color: rgb(52, 16,  
1) }
```

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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