

Converting Colors

YUV(51.4600, -11.0728, 4.8586)

Have a look what the booklet for
YUV(51.4600, -11.0728, 4.8586)
contains.

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Color

**YUV(51.4600, -11.0728,
4.8586)**

Conversions

Conversions Part 1

Format	Color
Hex	39351D
RGB	57, 53, 29
RGB Percent	22%, 21%, 11%
CMY	0.7765, 0.7922, 0.8863
CMYK	0.00, 0.07, 0.49, 0.78
HSL	51°, 33%, 17%
HSV	51°, 49%, 22%
XYZ	3.1822, 3.5048, 1.6712
YIQ	51.4600, 10.0880, -6.6160

Conversions

Conversions Part 2

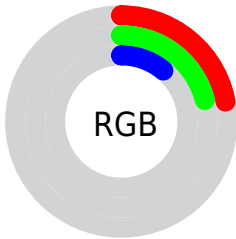
Format	Color
R_{YB}	34, 57, 29
Decimal	3749149
CIE _{Lab}	21.96, -2.48, 15.75
CIE _{LCh}	22, 15.941, 98.936
Yxy	3.5048, 0.3807, 0.4193
Android (android.graphics.Color)	4281939229 (0xFF39351D)
YUV	51.4600, -11.0728, 4.8586
Hunter-Lab	18.7210, -2.4202, 7.8121

Details

The YUV color **51.4600, -11.0728, 4.8586** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **34.5400, 11.0728, -4.8586**, and the grayscale version is **52.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **97.8300, -12.2412, 6.2881**, and **6.7780, -3.3416, -1.5593** is the 20% darker color. If you saturate the color by 10%, you get **50.1890, -13.4042, 5.9732**, and if you desaturate by 10%, it is **52.7310, -8.7414, 3.7439**.

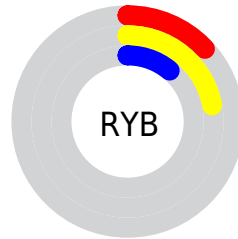
Distribution



Red (22%)

Green (21%)

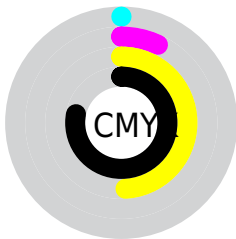
Blue (11%)



Red (13%)

Yellow (22%)

Blue (11%)

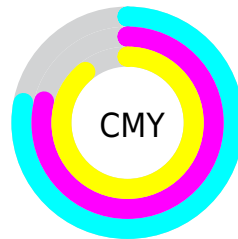


Cyan (0%)

Magenta (7%)

Yellow (49%)

Black (78%)



Cyan (78%)

Magenta (79%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 51.4600, -11.0728, 4.8586 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 51.4600, -11.0728, 4.8586 by changing the saturation by 10% instead.

■ 51.4600, -11.0728,
4.8586

■ 51.4600, -11.0728,
4.8586

■ 255.0000, 0.0000,
0.0000

■ 30.1180, -12.3832,
5.1585

■ 97.8300, -12.2412,
6.2881

■ 6.7780, -3.3416,
-1.5593

■ 122.7160,
-12.6780, 6.3881

■ 0.0000, 0.0000,
0.0000

■ 148.6020,
-13.1148, 6.4880

■ 175.4880,
-13.5516, 6.5880

■ 202.6730,
-14.1358, 7.3028

■ 230.9720,

-14.2832, 7.9176

252.1500,
-10.9200, 2.4994

51.4600, -11.0728,
4.8586

51.4600, -11.0728,
4.8586

50.1890, -13.4042,
5.9732

52.7310, -8.7414,
3.7439

49.0320, -15.2988,
6.9879

53.8880, -6.8468,
2.7292

48.3480, -17.9196,
7.5878

54.5720, -4.2260,
2.1294

47.0770, -20.2510,
8.7025

55.8430, -1.8946,
1.0147

45.8060, -22.5824,
9.8171

57.1140, 0.4368,
-0.1000

■ 58.2710, 2.3314,
-1.1147

■ 59.5420, 4.6628,
-2.2293

■ 60.8130, 6.9942,
-3.3440

■ 61.3830, 9.1782,
-3.8439

Harmonies

Analogous

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



52.6290, -10.6631, 13.4804



51.4600, -11.0728, 4.8586



49.9040, -7.8407, -5.1778

Triad

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



51.4600, -11.0728, 4.8586



43.7770, 11.4489, -32.2534



54.2990, 3.3036, 13.7698

Complementary

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



51.4600, -11.0728, 4.8586



34.5400, 11.0728, -4.8586

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.



53.9110, 8.4249, 4.4631



51.4600, -11.0728, 4.8586



47.8860, 12.8742, -22.7020

Square

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



51.4600, -11.0728, 4.8586



45.2030, 5.3229, -27.3650



52.3330, 11.6678, -9.0620



53.5510, -2.2436, 19.6878

Rectangle

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



51.4600, -11.0728, 4.8586



49.0710, -4.4720, -12.3403



52.3330, 11.6678, -9.0620



54.4450, 5.2036, 11.0107

Sweetspot

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



51.4600, -11.0728, 4.8586



71.5720, -4.2260, 2.1294



37.8280, -2.3802, 16.8138



36.6150, -2.7682, 1.2146



166.0000, 0.0000, 0.0000



38.0000, 0.0000, 0.0000

Same Dimension

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



51.4600, -11.0728, 4.8586



65.4620, -17.4828, 7.4878



50.8180, -10.7563, -3.3484



27.6580, -1.3104, 0.2999



73.8810, -36.4233, 15.8904



175.8370, -86.6876, 37.8540

Inverse Universe

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



34.5400, 11.0728, -4.8586



39.1250, 17.1934, -8.0026



35.1820, 10.7563, 3.3484



25.9290, 1.0210, -0.8147



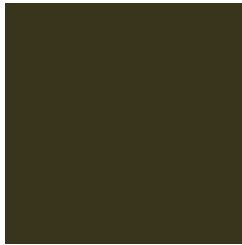
18.1190, 36.4233, -15.8904



43.1630, 86.6876, -37.8540

Previews

White Background



This preview shows how the YUV color 51.4600, -11.0728, 4.8586 looks on a white background.

Color Contrast Check

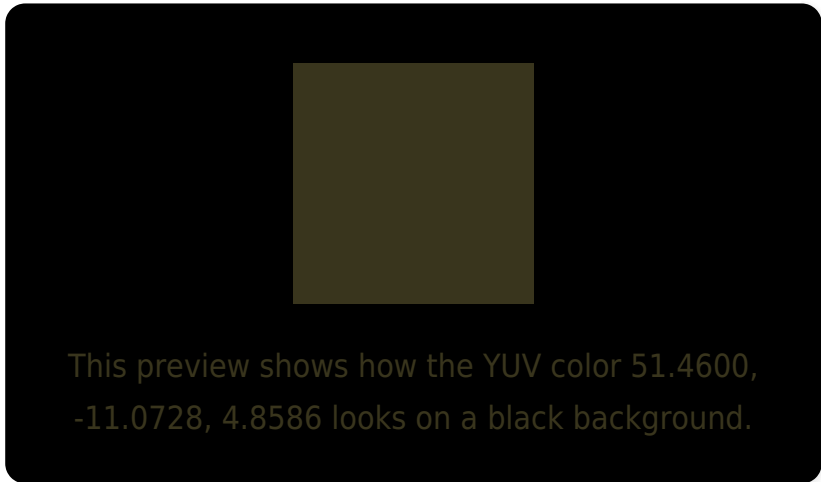
Large Text (above 18pt) WCAG AA ✓ Pass

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

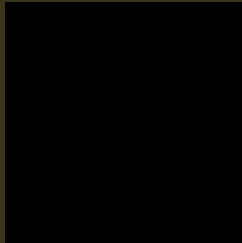
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 51.4600, -11.0728, 4.8586

Background



This preview shows how black text looks on a background with the YUV color 51.4600, -11.0728, 4.8586.



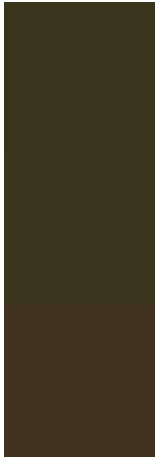
This preview shows how white text looks on a background with the YUV color 51.4600, -11.0728,

4.8586.

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

51.4600, -11.0728, 4.8586

Protanopia

51.7590, -11.2202, 5.4734

Deuteranopia

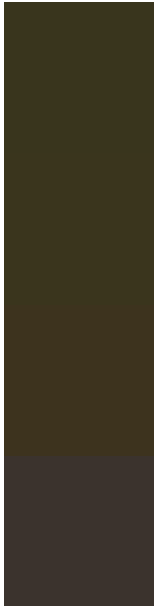
51.9060, -10.7997, 10.6064



Tritanopia

53.4460, 0.2731, 5.7479

Trichromacy



Original Color

51.4600, -11.0728, 4.8586

Protanomaly

51.7590, -11.2202, 5.4734

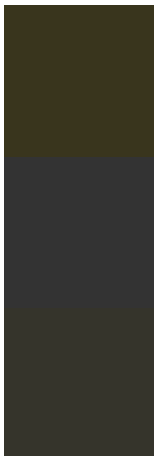
Deuteranomaly

51.5960, -10.6468, 8.2473

Tritanomaly

52.7080, -3.8000, 5.5181

Monochromacy



Original Color

51.4600, -11.0728, 4.8586

Achromatopsia

51.0000, 0.0000, 0.0000

Achromatomaly

51.2730, -4.0786, 1.5146

CSS Examples

Text

The CSS property to change the color of the text to YUV 51.4600, -11.0728, 4.8586 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(57, 53, 29)` looks like.

```
.text, #text, p{  
    color:rgb(57, 53, 29)  
}
```

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(57, 53, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 53, 29) }
```

Border

The CSS property to change the border of an element to YUV 51.4600, -11.0728, 4.8586 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(57, 53, 29) }
```


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

```
.border{ border-color:rgb(57, 53, 29) }
```

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

Here you see how a box with a 4 pixel rgb(57, 53, 29) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 53, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 53, 29);  
box-shadow:4px 4px 4px 4px rgb(57, 53, 29)  
}
```

Background

The CSS property to change the background color of an element to YUV 51.4600, -11.0728, 4.8586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 53, 29) }
```

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

```
.background{ background-color: rgb(57, 53,  
29) }
```

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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