

Converting Colors

YUV(57.6010, -8.1843, 11.7509)

Have a look what the booklet for
YUV(57.6010, -8.1843, 11.7509)
contains.

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Color

**YUV(57.6010, -8.1843,
11.7509)**

Conversions

Conversions Part 1

Format	Color
Hex	473629
RGB	71, 54, 41
RGB Percent	28%, 21%, 16%
CMY	0.7216, 0.7882, 0.8392
CMYK	0.00, 0.24, 0.42, 0.72
HSL	26°, 27%, 22%
HSV	26°, 42%, 28%
XYZ	4.3179, 4.1380, 2.6690
YIQ	57.6010, 14.3050, -0.4390

Conversions

Conversions Part 2

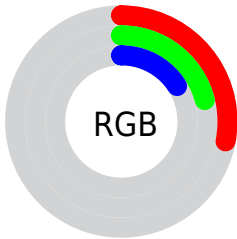
Format	Color
R_YB	71, 64, 41
Decimal	4666921
CIE Lab	24.12, 5.47, 11.08
CIE LCh	24, 12.355, 63.739
Yxy	4.1380, 0.3881, 0.3720
Android (android.graphics.Color)	4282857001 (0xFF473629)
YUV	57.6010, -8.1843, 11.7509
Hunter-Lab	20.3421, 2.2907, 6.4604

Details

The YUV color **57.6010, -8.1843, 11.7509** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **54.3990, 8.1843, -11.7509**, and the grayscale version is **58.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **104.9710, -9.3527, 13.1804**, and **14.2420, -7.0213, 12.0658** is the 20% darker color. If you saturate the color by 10%, you get **54.4550, -10.0843, 14.5100**, and if you desaturate by 10%, it is **60.7470, -6.2843, 8.9919**.

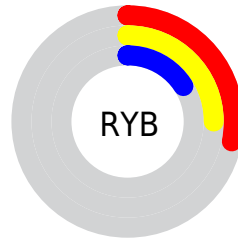
Distribution



 Red (28%)

 Green (21%)

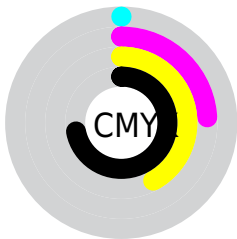
 Blue (16%)



 Red (28%)

 Yellow (25%)

 Blue (16%)

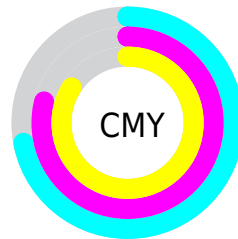


 Cyan (0%)

 Magenta (24%)

 Yellow (42%)

 Black (72%)



 Cyan (72%)

 Magenta (79%)

 Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 57.6010, -8.1843, 11.7509 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 57.6010, -8.1843, 11.7509 by changing the saturation by 10% instead.

■ 57.6010, -8.1843,
11.7509

■ 57.6010, -8.1843,
11.7509

255.0000, 0.0000,
0.0000

■ 36.1170, -7.4527,
10.4214

■ 104.9710, -9.3527,
13.1804

■ 14.2420, -7.0213,
12.0658

■ 130.2700, -9.5001,
13.7952

■ 0.0000, 0.0000,
0.0000

■ 155.8680, -9.7949,
15.0248

■ 183.0530,
-10.3791, 15.7395

■ 210.9390,
-10.8159, 15.8395

■ 238.3410,

-10.5211, 14.6099

253.9740, -3.9312,
0.8998

57.6010, -8.1843,
11.7509

57.6010, -8.1843,
11.7509

54.4550, -10.0843,
14.5100

60.7470, -6.2843,
8.9919

51.3090, -11.9843,
17.2690

63.8930, -4.3842,
6.2328

48.1630, -13.8844,
20.0280

67.0390, -2.4842,
3.4738

45.0170, -15.7844,
22.7871

70.1850, -0.5842,
0.7148

41.8710, -17.6844,
25.5461

73.4450, 1.7526,
-2.1443

■ 39.4260, -19.4370,
27.6904

■ 76.5910, 3.6526,
-4.9033

■ 79.7370, 5.5527,
-7.6623

■ 82.8830, 7.4527,
-10.4214

■ 86.0290, 9.3527,
-13.1804

Harmonies

Analogous

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



58.0190, -5.4324, 15.7693



57.6010, -8.1843, 11.7509



56.7420, -8.7468, 5.4883

Triad

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



57.6010, -8.1843, 11.7509



53.4600, 2.2382, -17.9434



58.5470, 7.1253, 1.2743

Complementary

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



57.6010, -8.1843, 11.7509



54.3990, 8.1843, -11.7509

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.



56.7630, 9.4838, -8.5622



57.6010, -8.1843, 11.7509



52.7030, 7.0484, -20.7875

Square

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



57.6010, -8.1843, 11.7509



54.5380, -2.7302, -10.9958



54.7080, 9.5110, -17.2839



58.9780, 3.4618, 9.6663

Rectangle

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



57.6010, -8.1843, 11.7509



55.9370, -7.8569, 0.0553



54.7080, 9.5110, -17.2839



58.0520, 7.8624, -1.7996

Sweetspot

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



57.6010, -8.1843, 11.7509



86.5230, -3.2158, 4.8033



51.9080, 3.0034, 16.7437



42.8540, -1.9000, 2.7590



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



57.6010, -8.1843, 11.7509



70.7930, -12.7159, 18.5985



66.4060, -12.5252, 4.0289



34.3700, -1.1684, 1.4295



54.8420, -27.0371, 38.7266



125.3990, -61.8217, 89.1041

Inverse Universe

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



54.3990, 8.1843, -11.7509



66.2070, 12.7159, -18.5985



45.5940, 12.5252, -4.0289



33.6300, 1.1684, -1.4295



44.1580, 27.0371, -38.7266



101.6010, 61.8217, -89.1041

Previews

White Background



This preview shows how the YUV color 57.6010, -8.1843, 11.7509 looks on a white background.

Color Contrast Check

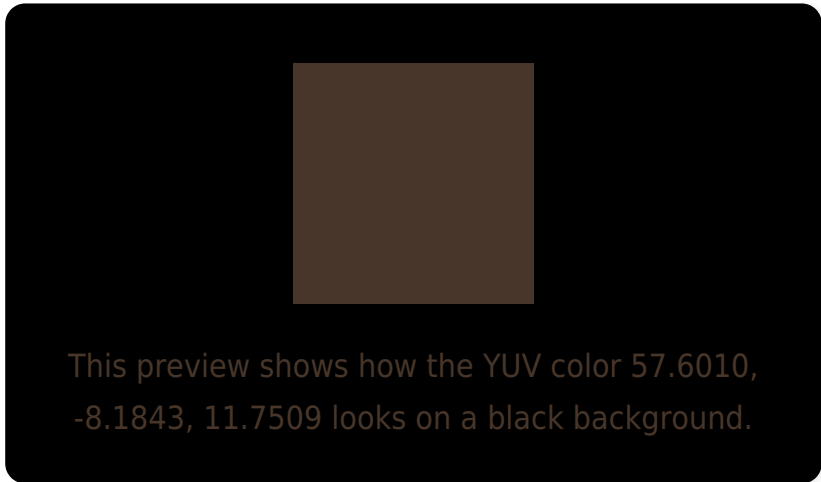
Large Text (above 18pt) WCAG AA ✓ Pass

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

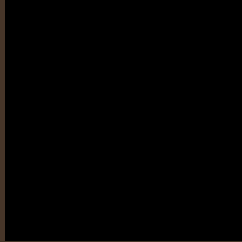
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 57.6010, -8.1843, 11.7509

Background



This preview shows how black text looks on a background with the YUV color 57.6010, -8.1843, 11.7509.

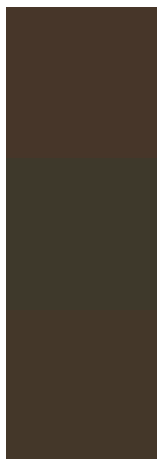


This preview shows how white text looks on a background with the YUV color 57.6010, -8.1843,

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

57.6010, -8.1843, 11.7509

Protanopia

56.8990, -6.8522, 4.4736

Deuteranopia

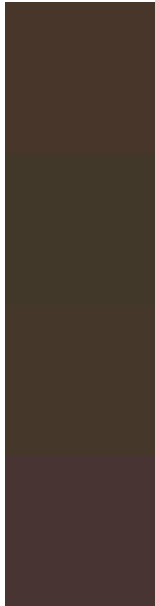
57.2910, -8.0315, 9.3918



Tritanopia

58.4360, -1.2009, 11.8956

Trichromacy



Original Color

57.6010, -8.1843, 11.7509

Protanomaly

57.0950, -7.4418, 6.9327

Deuteranomaly

57.5900, -8.1789, 10.0066

Tritanomaly

58.4530, -3.6743, 11.8807

Monochromacy



Original Color

57.6010, -8.1843, 11.7509

Achromatopsia

58.0000, 0.0000, 0.0000

Achromatomaly

58.2240, -3.0684, 4.1886

CSS Examples

Text

The CSS property to change the color of the text to YUV 57.6010, -8.1843, 11.7509 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(71, 54, 41)` looks like.

```
.text, #text, p{  
    color:rgb(71, 54, 41)  
}
```

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(71, 54, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 54, 41) }
```

Border

The CSS property to change the border of an element to YUV 57.6010, -8.1843, 11.7509 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(71, 54, 41) }
```


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

```
.border{ border-color:rgb(71, 54, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 54, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 54, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 54, 41);  
box-shadow:4px 4px 4px 4px rgb(71, 54, 41)  
}
```

Background

The CSS property to change the background color of an element to YUV 57.6010, -8.1843, 11.7509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 54, 41) }
```

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

```
.background{ background-color: rgb(71, 54,  
41) }
```

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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