

Converting Colors

YUV(50.7570, -8.2612, -10.3109)

Have a look what the booklet for
YUV(50.7570, -8.2612, -10.3109)
contains.

YUV(50.7570, -8.2612, -10.3109)	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(50.7570, -8.2612,
-10.3109)**

Conversions

Conversions Part 1

Format	Color
Hex	273C22
RGB	39, 60, 34
RGB Percent	15%, 24%, 13%
CMY	0.8471, 0.7647, 0.8667
CMYK	0.35, 0.00, 0.43, 0.76
HSL	108°, 28%, 18%
HSV	108°, 43%, 24%
XYZ	2.7413, 3.7785, 2.0982
YIQ	50.7570, -4.1700, -12.5380

Conversions

Conversions Part 2

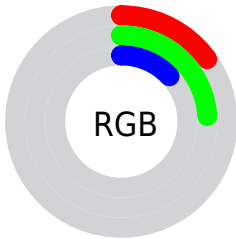
Format	Color
R_{YB}	34, 60, 55
Decimal	2571298
CIE _{Lab}	22.93, -14.45, 13.49
CIE _{LCh}	23, 19.767, 136.955
Yxy	3.7785, 0.3181, 0.4384
Android (android.graphics.Color)	4280761378 (0xFF273C22)
YUV	50.7570, -8.2612, -10.3109
Hunter-Lab	19.4385, -8.8446, 7.2071

Details

The YUV color **50.7570, -8.2612, -10.3109** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **43.2430, 8.2612, 10.3109**, and the grayscale version is **51.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **97.2300, -8.9874, -10.7257**, and **10.5660, -5.2090, -9.2664** is the 20% darker color. If you saturate the color by 10%, you get **48.5780, -10.1450, -12.7849**, and if you desaturate by 10%, it is **52.9360, -6.3774, -7.8369**.

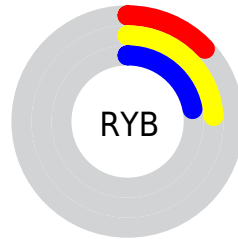
Distribution



Red (15%)

Green (24%)

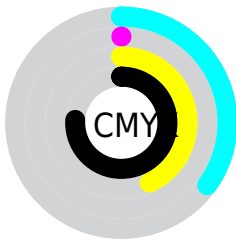
Blue (13%)



Red (13%)

Yellow (24%)

Blue (22%)

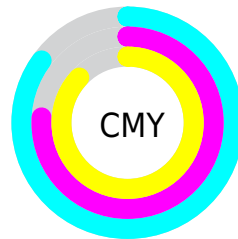


Cyan (35%)

Magenta (0%)

Yellow (43%)

Black (76%)



Cyan (85%)

Magenta (76%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 50.7570, -8.2612, -10.3109 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 50.7570, -8.2612, -10.3109 by changing the saturation by 10% instead.

■ 50.7570, -8.2612,
-10.3109

■ 50.7570, -8.2612,
-10.3109

■ 255.0000, 0.0000,
0.0000

■ 29.1700, -7.9718,
-9.7961

■ 97.2300, -8.9874,
-10.7257

■ 10.5660, -5.2090,
-9.2664

■ 122.7030, -9.7136,
-11.1405

■ 0.0000, 0.0000,
0.0000

■ 148.2900,
-10.0030, -11.6553

■ 174.8770,
-10.2924, -12.1701

■ 202.7630,
-10.7292, -12.0702

■ 230.3500,

-11.0185, -12.5849

■ 249.9580, -6.3883,
-4.3482

■ 50.7570, -8.2612,
-10.3109

■ 50.7570, -8.2612,
-10.3109

■ 48.5780, -10.1450,
-12.7849

■ 52.9360, -6.3774,
-7.8369

■ 46.3990, -12.0287,
-15.2589

■ 55.1150, -4.4937,
-5.3629

■ 44.2200, -13.9125,
-17.7329

■ 57.2940, -2.6099,
-2.8888

■ 42.3400, -15.9436,
-19.5922

■ 59.1740, -0.5788,
-1.0296

■ 40.1610, -17.8274,
-22.0662

■ 61.3530, 1.3050,
1.4444

■ 38.8080, -19.1323,
-23.5106

■ 63.5320, 3.1887,
3.9184

■ 65.7110, 5.0725,
6.3925

■ 67.8900, 6.9562,
8.8665

■ 70.0690, 8.8400,
11.3405

Harmonies

Analogous

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



52.5800, -13.1039, 2.9993



50.7570, -8.2612, -10.3109



47.2480, 0.3707, -25.6505

Triad

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



50.7570, -8.2612, -10.3109



48.5910, 16.9636, -27.7053



55.4160, -4.1491, 24.1912

Complementary

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



50.7570, -8.2612, -10.3109



43.2430, 8.2612, 10.3109

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.



56.5170, 2.7031, 19.7176



50.7570, -8.2612, -10.3109



54.3270, 14.1358, -7.3028

Square

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



50.7570, -8.2612, -10.3109



44.4710, 15.5438, -39.0011



56.7590, 8.9928, 8.9814



54.4990, -10.1060, 21.4874

Rectangle

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



50.7570, -8.2612, -10.3109



43.0060, 7.3920, -37.7163



56.7590, 8.9928, 8.9814



55.9860, -1.9651, 23.6913

Sweetspot

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



50.7570, -8.2612, -10.3109



75.4680, -3.1887, -3.9184



54.1010, -9.9098, 5.1734



38.7070, -2.3206, -2.3740



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000

Same Dimension

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



50.7570, -8.2612, -10.3109



64.4590, -13.0443, -16.1885



50.1740, -4.0298, -14.1846



29.7610, -0.8682, -1.5444



60.5600, -29.8561, -37.3251



143.1710, -70.5833, -87.8500

Inverse Universe

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



43.2430, 8.2612, 10.3109



52.5410, 13.0443, 16.1885



43.8260, 4.0298, 14.1846



28.9400, 1.0156, 0.9296



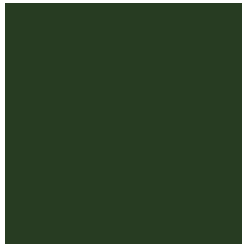
33.4400, 29.8561, 37.3251



78.8290, 70.5833, 87.8500

Previews

White Background



This preview shows how the YUV color 50.7570, -8.2612, -10.3109 looks on a white background.

Color Contrast Check

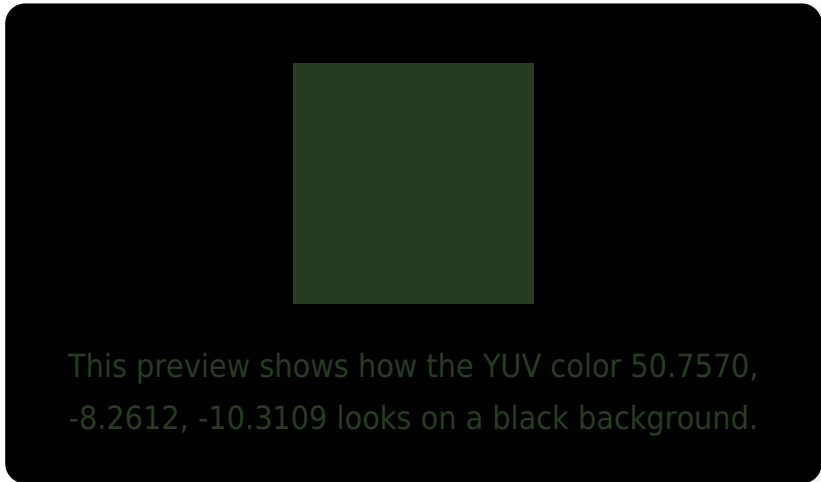
Large Text (above 18pt) WCAG AA ✓ Pass

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 50.7570, -8.2612, -10.3109

Background



This preview shows how black text looks on a background with the YUV color 50.7570, -8.2612, -10.3109.



This preview shows how white text looks on a background with the YUV color 50.7570, -8.2612, -10.3109.

-10.3109.

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

50.7570, -8.2612, -10.3109

Protanopia

53.8730, -10.7834, 5.3734

Deuteranopia

54.3620, -9.0525, 10.2065



Tritanopia

53.5690, 3.6635, -8.3920

Trichromacy



Original Color

50.7570, -8.2612, -10.3109

Protanomaly

52.7690, -9.7461, -0.6744

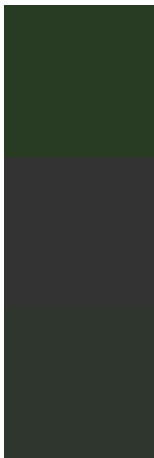
Deuteranomaly

53.0190, -8.8834, 2.6143

Tritanomaly

52.4180, -0.6991, -9.1366

Monochromacy



Original Color

50.7570, -8.2612, -10.3109

Achromatopsia

51.0000, 0.0000, 0.0000

Achromatomaly

50.8810, -2.8993, -3.4036

CSS Examples

Text

The CSS property to change the color of the text to YUV 50.7570, -8.2612, -10.3109 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(39, 60, 34)` looks like.

```
.text, #text, p{  
    color:rgb(39, 60, 34)  
}
```

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(39, 60, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 60, 34) }
```

Border

The CSS property to change the border of an element to YUV 50.7570, -8.2612, -10.3109 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(39, 60, 34) }
```


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

```
.border{ border-color:rgb(39, 60, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 60, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 60, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 60, 34);  
box-shadow:4px 4px 4px 4px rgb(39, 60, 34)  
}
```

Background

The CSS property to change the background color of an element to YUV 50.7570, -8.2612, -10.3109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 60, 34) }
```

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

```
.background{ background-color: rgb(39, 60,  
34) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor