

Converting Colors

YUV(50.4650, -8.6102, 8.3622)

Have a look what the booklet for
YUV(50.4650, -8.6102, 8.3622)
contains.

YUV(50.4650, -8.6102, 8.3622)	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(50.4650, -8.6102,
8.3622)**

Conversions

Conversions Part 1

Format	Color
Hex	3C3121
RGB	60, 49, 33
RGB Percent	24%, 19%, 13%
CMY	0.7647, 0.8078, 0.8706
CMYK	0.00, 0.18, 0.45, 0.76
HSL	36°, 29%, 18%
HSV	36°, 45%, 24%
XYZ	3.2363, 3.2671, 1.8989
YIQ	50.4650, 11.6920, -2.6440

Conversions

Conversions Part 2

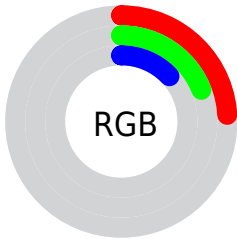
Format	Color
R_{YB}	52, 60, 33
Decimal	3944737
CIE _{Lab}	21.08, 2.22, 12.07
CIE _{LCh}	21, 12.273, 79.591
Yxy	3.2671, 0.3852, 0.3888
Android (android.graphics.Color)	4282134817 (0xFF3C3121)
YUV	50.4650, -8.6102, 8.3622
Hunter-Lab	18.0751, 0.3286, 6.4238

Details

The YUV color **50.4650, -8.6102, 8.3622** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **42.5350, 8.6102, -8.3622**, and the grayscale version is **51.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **96.8350, -9.7787, 9.7917**, and **4.7620, -2.3477, 6.3477** is the 20% darker color. If you saturate the color by 10%, you get **48.6070, -10.6523, 9.9917**, and if you desaturate by 10%, it is **52.3230, -6.5682, 6.7327**.

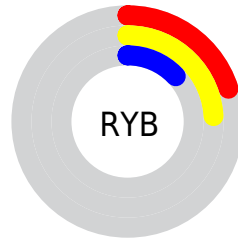
Distribution



Red (24%)

Green (19%)

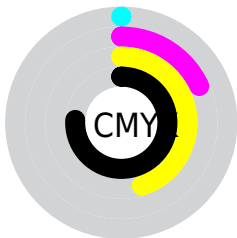
Blue (13%)



Red (20%)

Yellow (24%)

Blue (13%)

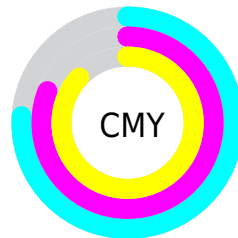


Cyan (0%)

Magenta (18%)

Yellow (45%)

Black (76%)



Cyan (76%)

Magenta (81%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 50.4650, -8.6102, 8.3622 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 50.4650, -8.6102, 8.3622 by changing the saturation by 10% instead.

■ 50.4650, -8.6102,
8.3622

■ 50.4650, -8.6102,
8.3622

255.0000, 0.0000,
0.0000

■ 29.0520, -8.8996,
7.8474

■ 96.8350, -9.7787,
9.7917

■ 4.7620, -2.3477,
6.3477

■ 122.0200,
-10.3629, 10.5065

■ 0.0000, 0.0000,
0.0000

■ 147.3190,
-10.5103, 11.1212

■ 174.2050,
-10.9471, 11.2212

■ 201.5040,
-11.0945, 11.8360

■ 229.5040,

-11.0945, 11.8360

■ 252.7200, -8.7360,
1.9996

■ 50.4650, -8.6102,
8.3622

■ 50.4650, -8.6102,
8.3622

■ 48.6070, -10.6523,
9.9917

■ 52.3230, -6.5682,
6.7327

■ 46.1620, -12.4049,
12.1359

■ 54.7680, -4.8156,
4.5885

■ 44.3040, -14.4469,
13.7654

■ 56.6260, -2.7736,
2.9590

■ 41.8590, -16.1995,
15.9097

■ 59.0710, -1.0210,
0.8147

■ 40.0010, -18.2415,
17.5391

■ 60.9290, 1.0210,
-0.8147

■ 39.0720, -19.2625,
18.3539

■ 63.3740, 2.7736,
-2.9590

■ 65.2320, 4.8156,
-4.5885

■ 67.6770, 6.5682,
-6.7327

■ 69.5350, 8.6102,
-8.3622

Harmonies

Analogous

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



50.9540, -6.8793, 13.1953



50.4650, -8.6102, 8.3622



49.6490, -7.7150, 1.1848

Triad

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



50.4650, -8.6102, 8.3622



46.1330, 4.8644, -20.2876



51.7110, 5.0725, 6.3925

Complementary

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



50.4650, -8.6102, 8.3622



42.5350, 8.6102, -8.3622

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.



50.8670, 8.4466, -2.5144



50.4650, -8.6102, 8.3622



46.7570, 8.5008, -19.9579

Square

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



50.4650, -8.6102, 8.3622



46.6130, 0.1908, -14.5696



48.7410, 9.4947, -12.0509



52.0170, 0.9776, 13.1401

Rectangle

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



50.4650, -8.6102, 8.3622



49.0720, -5.9515, -4.4481



48.7410, 9.4947, -12.0509



51.7430, 6.5357, 3.7334

Sweetspot

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



50.4650, -8.6102, 8.3622



75.3980, -3.6472, 3.1590



42.3270, 0.8248, 15.4992



38.4410, -2.1894, 2.2442



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.



50.4650, -8.6102, 8.3622



64.1190, -13.8627, 13.0506



56.3240, -11.4987, 1.4699



29.4840, -0.7316, 1.3295



60.9780, -30.0622, 28.9603



143.2750, -70.6346, 69.0418

Inverse Universe

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



42.5350, 8.6102, -8.3622



51.4680, 13.5733, -13.5654



36.6760, 11.4987, -1.4699



28.9290, 1.0210, -0.8147



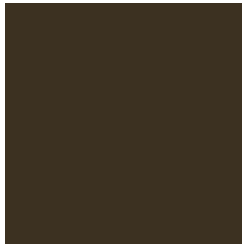
33.0220, 30.0622, -28.9603



78.1380, 70.9240, -68.5270

Previews

White Background



This preview shows how the YUV color 50.4650, -8.6102, 8.3622 looks on a white background.

Color Contrast Check

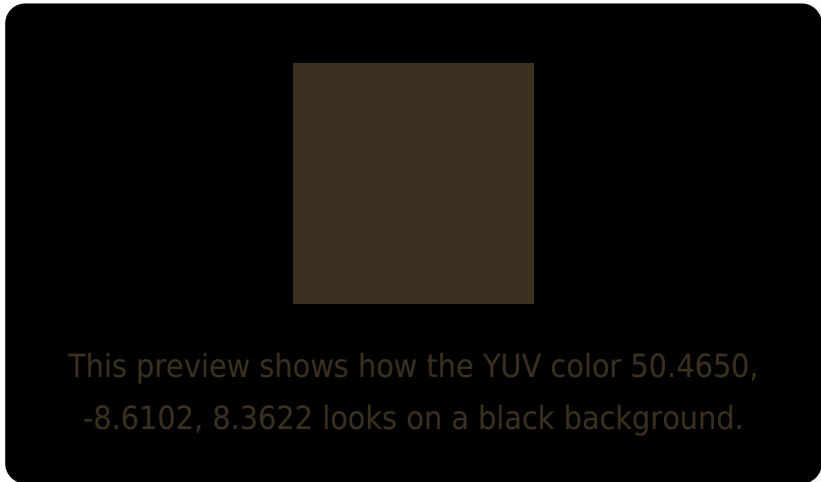
Large Text (above 18pt) WCAG AA ✓ Pass

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

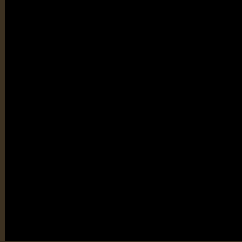
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 50.4650, -8.6102, 8.3622

Background



This preview shows how black text looks on a background with the YUV color 50.4650, -8.6102, 8.3622.



This preview shows how white text looks on a background with the YUV color 50.4650, -8.6102,

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

50.4650, -8.6102, 8.3622

Protanopia

50.2580, -8.0152, 4.1587

Deuteranopia

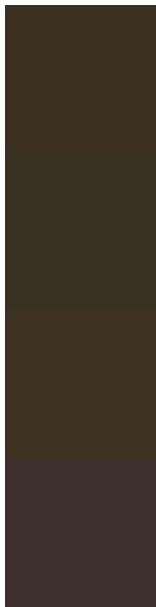
50.7640, -8.7577, 8.9770



Tritanopia

51.8270, -0.9007, 8.9217

Trichromacy



Original Color

50.4650, -8.6102, 8.3622

Protanomaly

50.2690, -8.0206, 5.9031

Deuteranomaly

50.7640, -8.7577, 8.9770

Tritanomaly

51.4310, -3.6635, 8.3920

Monochromacy



Original Color

50.4650, -8.6102, 8.3622

Achromatopsia

50.0000, 0.0000, 0.0000

Achromatomaly

50.5120, -3.2104, 3.0590

CSS Examples

Text

The CSS property to change the color of the text to YUV 50.4650, -8.6102, 8.3622 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(60, 49, 33)` looks like.

```
.text, #text, p{  
    color:rgb(60, 49, 33)  
}
```

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(60, 49, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 49, 33) }
```

Border

The CSS property to change the border of an element to YUV 50.4650, -8.6102, 8.3622 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(60, 49, 33) }
```


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

```
.border{ border-color:rgb(60, 49, 33) }
```

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

Here you see how a box with a 4 pixel rgb(60, 49, 33) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 49, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 49, 33);  
box-shadow:4px 4px 4px 4px rgb(60, 49, 33)  
}
```

Background

The CSS property to change the background color of an element to YUV 50.4650, -8.6102, 8.3622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 49, 33) }
```

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

```
.background{ background-color: rgb(60, 49,  
33) }
```

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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