

Converting Colors

YUV(55.7510, -5.7932, -8.5516)

Have a look what the booklet for
YUV(55.7510, -5.7932, -8.5516)
contains.

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Color

**YUV(55.7510, -5.7932,
-8.5516)**

Conversions

Conversions Part 1

Format	Color
Hex	2E3F2C
RGB	46, 63, 44
RGB Percent	18%, 25%, 17%
CMY	0.8196, 0.7529, 0.8275
CMYK	0.27, 0.00, 0.30, 0.75
HSL	114°, 18%, 21%
HSV	114°, 30%, 25%
XYZ	3.3588, 4.3177, 3.0392
YIQ	55.7510, -4.0330, -9.5130

Conversions

Conversions Part 2

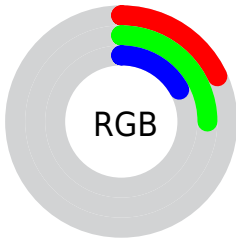
Format	Color
RYB	44, 63, 61
Decimal	3030828
CIELab	24.70, -11.33, 9.50
CIElCh	25, 14.783, 140.037
Yxy	4.3177, 0.3134, 0.4029
Android (android.graphics.Color)	4281220908 (0xFF2E3F2C)
YUV	55.7510, -5.7932, -8.5516
Hunter-Lab	20.7791, -7.5097, 5.8733

Details

The YUV color **55.7510, -5.7932, -8.5516** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **51.2490, 5.7932, 8.5516**, and the grayscale version is **56.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **102.9250, -6.3720, -9.5812**, and **12.3270, -6.0772, -10.8108** is the 20% darker color. If you saturate the color by 10%, you get **53.2730, -7.5296, -11.6404**, and if you desaturate by 10%, it is **58.2290, -4.0569, -5.4628**.

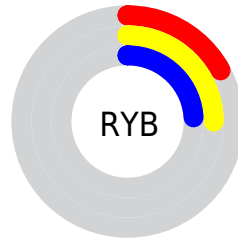
Distribution



Red (18%)

Green (25%)

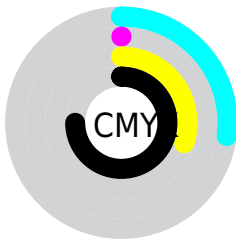
Blue (17%)



Red (17%)

Yellow (25%)

Blue (24%)

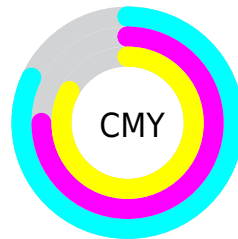


Cyan (27%)

Magenta (0%)

Yellow (30%)

Black (75%)



Cyan (82%)

Magenta (75%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 55.7510, -5.7932, -8.5516 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 55.7510, -5.7932, -8.5516 by changing the saturation by 10% instead.

■ 55.7510, -5.7932,
-8.5516

■ 55.7510, -5.7932,
-8.5516

255.0000, 0.0000,
0.0000

■ 34.1640, -5.5039,
-8.0368

■ 102.9250, -6.3720,
-9.5812

■ 12.3270, -6.0772,
-10.8108

■ 127.8110, -6.8088,
-9.4812

■ 0.0000, 0.0000,
0.0000

■ 153.8110, -6.8088,
-9.4812

■ 180.3980, -7.0982,
-9.9960

■ 208.2840, -7.5350,
-9.8961

■ 236.8710, -7.8244,

-10.4109

253.8320, -1.8892,
-0.7297

55.7510, -5.7932,
-8.5516

55.7510, -5.7932,
-8.5516

53.2730, -7.5296,
-11.6404

58.2290, -4.0569,
-5.4628

50.9800, -9.8501,
-14.0145

60.5220, -1.7363,
-3.0888

48.5020, -11.5865,
-17.1033

63.0000, 0.0000,
0.0000

46.0240, -13.3228,
-20.1920

65.4780, 1.7363,
3.0888

43.7310, -15.6434,
-22.5661

67.7710, 4.0569,
5.4628

■ 41.2530, -17.3797,
-25.6549

■ 70.2490, 5.7932,
8.5516

■ 39.0740, -19.2635,
-28.1289

■ 72.4280, 7.6770,
11.0256

■ 74.9060, 9.4133,
14.1144

■ 77.4980, 11.5865,
17.1033

Harmonies

Analogous

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



57.0790, -9.8989, 1.6847



55.7510, -5.7932, -8.5516



54.1780, -0.0878, -18.5731

Triad

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



55.7510, -5.7932, -8.5516



56.2890, 11.6895, -16.0395



60.0840, -3.9854, 18.3433

Complementary

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



55.7510, -5.7932, -8.5516



51.2490, 5.7932, 8.5516

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.



60.4410, 1.2616, 15.3992



55.7510, -5.7932, -8.5516



58.9100, 9.9044, -3.4291

Square

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



55.7510, -5.7932, -8.5516



53.0060, 10.8430, -24.5613



60.0640, 6.3774, 7.8369



59.2210, -8.4900, 16.4692

Rectangle

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



55.7510, -5.7932, -8.5516



52.9970, 4.4385, -23.6764



60.0640, 6.3774, 7.8369



59.8390, -2.3856, 18.5582

Sweetspot

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



55.7510, -5.7932, -8.5516



78.9950, -2.4625, -3.5036



59.6600, -7.7204, 2.9292



39.2340, -1.5944, -1.9592



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.



55.7510, -5.7932, -8.5516



70.5070, -9.1240, -13.5996



55.9510, -2.4408, -10.4810



29.7610, -0.8682, -1.5444



58.1680, -28.6768, -42.2433



137.1910, -67.6352, -100.1455

Inverse Universe

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



51.2490, 5.7932, 8.5516



63.4930, 9.1240, 13.5996



51.0490, 2.4408, 10.4810



28.9400, 1.0156, 0.9296



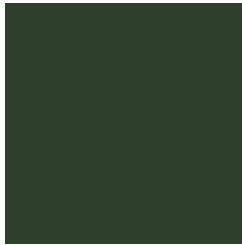
35.8320, 28.6768, 42.2433



84.5100, 67.7826, 99.5307

Previews

White Background



This preview shows how the YUV color 55.7510, -5.7932, -8.5516 looks on a white background.

Color Contrast Check

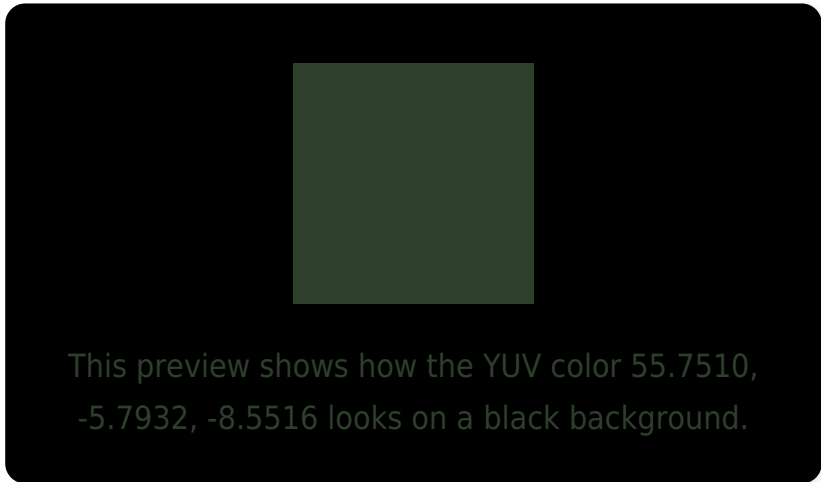
Large Text (above 18pt) WCAG AA ✓ Pass

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

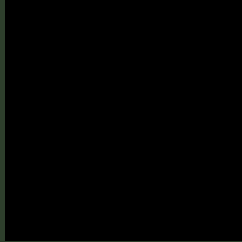
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 55.7510, -5.7932, -8.5516

Background



This preview shows how black text looks on a background with the YUV color 55.7510, -5.7932, -8.5516.



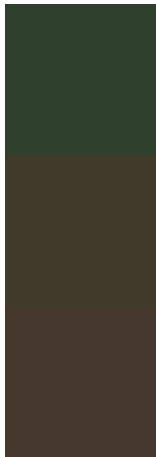
This preview shows how white text looks on a background with the YUV color 55.7510, -5.7932, -8.5516.

-8.5516.

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

55.7510, -5.7932, -8.5516

Protanopia

57.6710, -7.7258, 4.6735

Deuteranopia

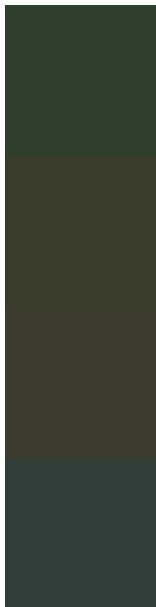
58.6330, -6.7211, 9.0919



Tritanopia

57.5800, 3.6581, -6.6477

Trichromacy



Original Color

55.7510, -5.7932, -8.5516

Protanomaly

57.1650, -6.9833, -0.1447

Deuteranomaly

58.0020, -6.4100, 2.6292

Tritanomaly

56.9560, 0.0217, -6.9774

Monochromacy



Original Color

55.7510, -5.7932, -8.5516

Achromatopsia

56.0000, 0.0000, 0.0000

Achromatomaly

56.1090, -2.0257, -3.6036

CSS Examples

Text

The CSS property to change the color of the text to YUV 55.7510, -5.7932, -8.5516 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(46, 63, 44)` looks like.

```
.text, #text, p{  
    color:rgb(46, 63, 44)  
}
```

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(46, 63, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 63, 44) }
```

Border

The CSS property to change the border of an element to YUV 55.7510, -5.7932, -8.5516 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(46, 63, 44) }
```


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

```
.border{ border-color:rgb(46, 63, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 63, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 63, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 63, 44);  
box-shadow:4px 4px 4px 4px rgb(46, 63, 44)  
}
```

Background

The CSS property to change the background color of an element to YUV 55.7510, -5.7932, -8.5516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 63, 44) }
```

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

```
.background{ background-color: rgb(46, 63,  
44) }
```

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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