

Converting Colors

YUV(68.5010, -6.6560, -11.8404)

Have a look what the booklet for
YUV(68.5010, -6.6560, -11.8404)
contains.

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Color

**YUV(68.5010, -6.6560,
-11.8404)**

Conversions

Conversions Part 1

Format	Color
Hex	374E37
RGB	55, 78, 55
RGB Percent	22%, 31%, 22%
CMY	0.7843, 0.6941, 0.7843
CMYK	0.29, 0.00, 0.29, 0.69
HSL	120°, 17%, 26%
HSV	120°, 29%, 31%
XYZ	4.9895, 6.5368, 4.6132
YIQ	68.5010, -6.3250, -12.0290

Conversions

Conversions Part 2

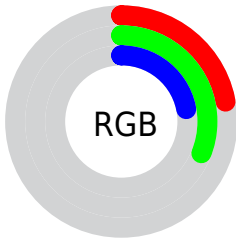
Format	Color
RYB	55, 78, 78
Decimal	3624503
CIELab	30.73, -14.20, 10.84
CIELCh	31, 17.866, 142.633
Yxy	6.5368, 0.3091, 0.4050
Android (android.graphics.Color)	4281814583 (0xFF374E37)
YUV	68.5010, -6.6560, -11.8404
Hunter-Lab	25.5672, -9.9078, 7.1992

Details

The YUV color **68.5010, -6.6560, -11.8404** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **64.4990, 6.6560, 11.8404**, and the grayscale version is **69.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.9740, -7.3822, -12.2552**, and **24.6260, -6.2246, -10.1960** is the 20% darker color. If you saturate the color by 10%, you get **65.1970, -8.9711, -15.9588**, and if you desaturate by 10%, it is **71.8050, -4.3409, -7.7220**.

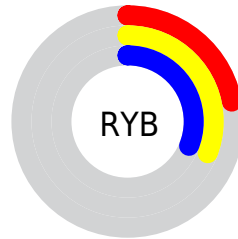
Distribution



 Red (22%)

 Green (31%)

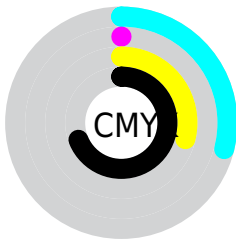
 Blue (22%)



 Red (22%)

 Yellow (31%)

 Blue (31%)

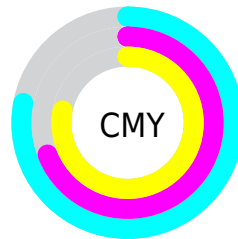


 Cyan (29%)

 Magenta (0%)

 Yellow (29%)

 Black (69%)



 Cyan (78%)

 Magenta (69%)

 Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 68.5010, -6.6560, -11.8404 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 68.5010, -6.6560, -11.8404 by changing the saturation by 10% instead.

68.5010, -6.6560,
-11.8404

68.5010, -6.6560,
-11.8404

255.0000, 0.0000,
0.0000

45.9140, -6.3666,
-11.3256

116.9740, -7.3822,
-12.2552

24.6260, -6.2246,
-10.1960

142.5610, -7.6716,
-12.7700

2.9350, -1.4470,
-2.5740

169.1480, -7.9610,
-13.2848

0.0000, 0.0000,
0.0000

196.7350, -8.2504,
-13.7996

224.3220, -8.5397,
-14.3144

247.4520, -5.6458,

-9.1664

■ 68.5010, -6.6560,
-11.8404

■ 68.5010, -6.6560,
-11.8404

■ 65.1970, -8.9711,
-15.9588

■ 71.8050, -4.3409,
-7.7220

■ 61.8930, -11.2862,
-20.0772

■ 75.1090, -2.0257,
-3.6036

■ 59.0020, -13.3120,
-23.6808

■ 78.0000, 0.0000,
0.0000

■ 55.6980, -15.6271,
-27.7991

■ 81.3040, 2.3151,
4.1184

■ 52.3940, -17.9422,
-31.9175

■ 84.6080, 4.6303,
8.2368

■ 49.0900, -20.2574,
-36.0359

■ 87.9120, 6.9454,
12.3552

■ 45.7860, -22.5725,
-40.1543

■ 91.2160, 9.2605,
16.4736

■ 94.1070, 11.2862,
20.0772

■ 97.4110, 13.6014,
24.1956

Harmonies

Analogous

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



70.4980, -12.0775, 0.4403



68.5010, -6.6560, -11.8404



66.0740, 0.9495, -24.6209

Triad

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



68.5010, -6.6560, -11.8404



69.7770, 14.8999, -19.0984



73.3620, -5.6015, 23.3615

Complementary

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



68.5010, -6.6560, -11.8404



64.4990, 6.6560, 11.8404

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.



74.0610, 0.9559, 20.1175



68.5010, -6.6560, -11.8404



72.8930, 12.3778, -3.4142

Square

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



68.5010, -6.6560, -11.8404



65.1730, 14.2117, -31.7237



74.3140, 7.2402, 11.1256



72.9610, -10.8268, 19.3282

Rectangle

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



68.5010, -6.6560, -11.8404



64.5230, 6.6442, -31.1537



74.3140, 7.2402, 11.1256



73.9320, -3.4175, 22.8616

Sweetspot

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



68.5010, -6.6560, -11.8404



98.2830, -2.6045, -4.6332



75.3780, -10.0464, 2.2995



48.5220, -1.7363, -3.0888



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



68.5010, -6.6560, -11.8404



87.1320, -10.4181, -18.5328



69.8690, -1.4144, -13.0401



36.3480, -1.1576, -2.0592



59.8740, -29.5179, -52.5095



135.0100, -66.5599, -118.4038

Inverse Universe

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



64.4990, 6.6560, 11.8404



80.8680, 10.4181, 18.5328



63.2450, 1.8512, 12.9401



35.6520, 1.1576, 2.0592



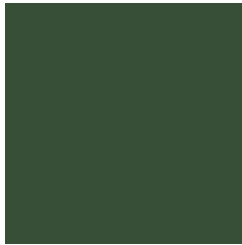
42.1260, 29.5179, 52.5095



94.9900, 66.5599, 118.4038

Previews

White Background



This preview shows how the YUV color 68.5010, -6.6560, -11.8404 looks on a white background.

Color Contrast Check

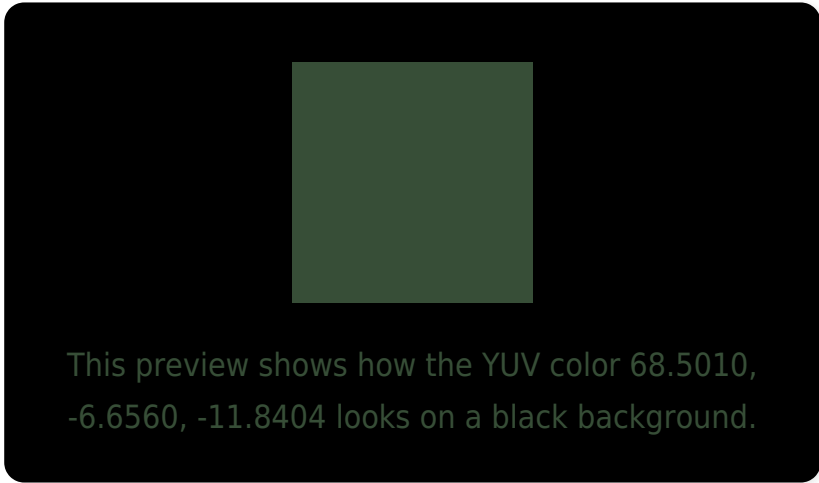
Large Text (above 18pt) WCAG AA ✓ Pass

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

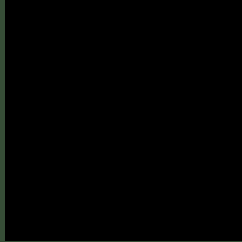
Any Text WCAG AA × Fail

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 68.5010, -6.6560, -11.8404 Background



This preview shows how black text looks on a background with the YUV color 68.5010, -6.6560, -11.8404.



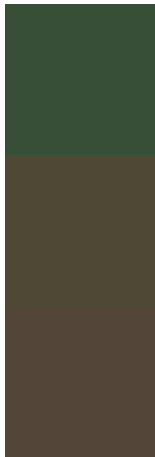
This preview shows how white text looks on a background with the YUV color 68.5010, -6.6560,

-11.8404.

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

68.5010, -6.6560, -11.8404

Protanopia

71.5140, -9.6204, 5.6882

Deuteranopia

72.1170, -7.4527, 10.4214



Tritanopia

71.1990, 4.8319, -9.8215

Trichromacy



Original Color

68.5010, -6.6560, -11.8404

Protanomaly

70.4100, -8.5831, -0.3596

Deuteranomaly

70.4750, -7.1362, 2.2144

Tritanomaly

70.1620, 0.9061, -10.6661

Monochromacy



Original Color

68.5010, -6.6560, -11.8404

Achromatopsia

69.0000, 0.0000, 0.0000

Achromatomaly

68.6960, -2.3151, -4.1184

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.5010, -6.6560, -11.8404 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(55, 78, 55)` looks like.

```
.text, #text, p{  
    color:rgb(55, 78, 55)  
}
```

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(55, 78, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 78, 55) }
```

Border

The CSS property to change the border of an element to YUV 68.5010, -6.6560, -11.8404 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(55, 78, 55) }
```


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

```
.border{ border-color:rgb(55, 78, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 78, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 78, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 78, 55);  
box-shadow:4px 4px 4px 4px rgb(55, 78, 55)  
}
```

Background

The CSS property to change the background color of an element to YUV 68.5010, -6.6560, -11.8404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 78, 55) }
```

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

```
.background{ background-color: rgb(55, 78,  
55) }
```

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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