

Converting Colors

YUV(67.3130, -14.9443,
-13.4295)

Have a look what the booklet for
YUV(67.3130, -14.9443, -13.4295)
contains.

YUV(67.3130, -14.9443, -13.4295)	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(67.3130, -14.9443,
-13.4295)**

Conversions

Conversions Part 1

Format	Color
Hex	345125
RGB	52, 81, 37
RGB Percent	20%, 32%, 15%
CMY	0.7961, 0.6824, 0.8549
CMYK	0.36, 0.00, 0.54, 0.68
HSL	100°, 37%, 23%
HSV	100°, 54%, 32%
XYZ	4.6925, 6.7485, 2.8055
YIQ	67.3130, -3.1600, -19.8320

Conversions

Conversions Part 2

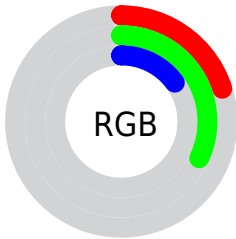
Format	Color
R_{YB}	37, 81, 66
Decimal	3428645
CIE _{Lab}	31.23, -20.14, 22.35
CIE _{LCh}	31, 30.089, 132.018
Yxy	6.7485, 0.3294, 0.4737
Android (android.graphics.Color)	4281618725 (0xFF345125)
YUV	67.3130, -14.9443, -13.4295
Hunter-Lab	25.9779, -13.2178, 11.7814

Details

The YUV color **67.3130, -14.9443, -13.4295** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **50.6870, 14.9443, 13.4295**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.2590, -16.3967, -14.2591**, and **23.5240, -11.5973, -13.6145** is the 20% darker color. If you saturate the color by 10%, you get **64.9060, -17.7017, -15.7036**, and if you desaturate by 10%, it is **69.7200, -12.1870, -11.1554**.

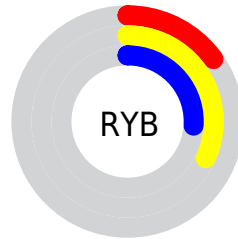
Distribution



Red (20%)

Green (32%)

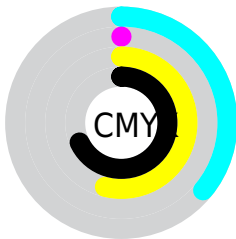
Blue (15%)



Red (15%)

Yellow (32%)

Blue (26%)

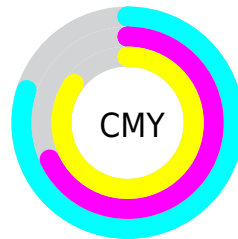


Cyan (36%)

Magenta (0%)

Yellow (54%)

Black (68%)



Cyan (80%)

Magenta (68%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.3130, -14.9443, -13.4295 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 67.3130, -14.9443, -13.4295 by changing the saturation by 10% instead.

67.3130, -14.9443,
-13.4295

67.3130, -14.9443,
-13.4295

255.0000, 0.0000,
0.0000

44.4270, -14.5075,
-13.5295

116.2590,
-16.3967, -14.2591

23.5240, -11.5973,
-13.6145

142.0310,
-17.2703, -14.0592

4.6960, -2.3151,
-4.1184

168.6180,
-17.5597, -14.5740

0.0000, 0.0000,
0.0000

195.5040,
-17.9965, -14.4740

223.9770,
-18.7227, -14.8888

244.3460,

-14.9606, -8.1964

253.6320, -5.2416,
1.1997

67.3130, -14.9443,
-13.4295

67.3130, -14.9443,
-13.4295

64.9060, -17.7017,
-15.7036

69.7200, -12.1870,
-11.1554

62.2000, -20.3116,
-18.5924

72.4260, -9.5770,
-8.2666

59.7930, -23.0689,
-20.8665

74.8330, -6.8197,
-5.9925

57.3860, -25.8263,
-23.1405

77.2400, -4.0623,
-3.7185

55.9190, -27.5681,
-24.4850

80.0600, -1.0156,
-0.9296

■ 82.4670, 1.7418,
1.3444

■ 84.8740, 4.4991,
3.6185

■ 87.5800, 7.1091,
6.5073

■ 89.9870, 9.8664,
8.7814

Harmonies

Analogous

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



70.1970, -22.2821, 6.8432



67.3130, -14.9443, -13.4295



58.6110, -0.3012, -43.5088

Triad

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



67.3130, -14.9443, -13.4295



60.4120, 28.3909, -52.9813



73.5040, -4.1925, 38.1460

Complementary

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



67.3130, -14.9443, -13.4295



50.6870, 14.9443, 13.4295

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.



75.0220, 6.8912, 29.7987



67.3130, -14.9443, -13.4295



71.3670, 23.4831, -18.7389

Square

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



67.3130, -14.9443, -13.4295



61.1640, 21.1181, -53.6408



75.4200, 16.5549, 10.1557



72.7350, -14.6594, 35.3124

Rectangle

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



67.3130, -14.9443, -13.4295



58.3310, 7.7248, -51.1563



75.4200, 16.5549, 10.1557



74.1170, -0.5507, 36.7314

Sweetspot

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



67.3130, -14.9443, -13.4295



99.7730, -5.8041, -5.0629



67.1790, -14.8782, 12.1210



50.6530, -3.7729, -3.2037



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



67.3130, -14.9443, -13.4295



83.7930, -23.0689, -20.8665



63.6260, -9.6756, -23.3510



39.6470, -1.3050, -1.4444



72.3990, -35.6927, -31.9219



159.8050, -78.7839, -70.8660

Inverse Universe

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



50.6870, 14.9443, 13.4295



57.9080, 23.2164, 20.2517



54.3740, 9.6756, 23.3510



38.0540, 1.4524, 0.8296



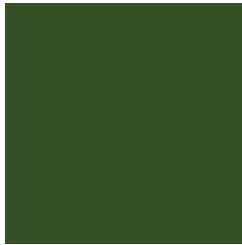
32.6010, 35.6927, 31.9219



72.1950, 78.7839, 70.8660

Previews

White Background



This preview shows how the YUV color 67.3130, -14.9443, -13.4295 looks on a white background.

Color Contrast Check

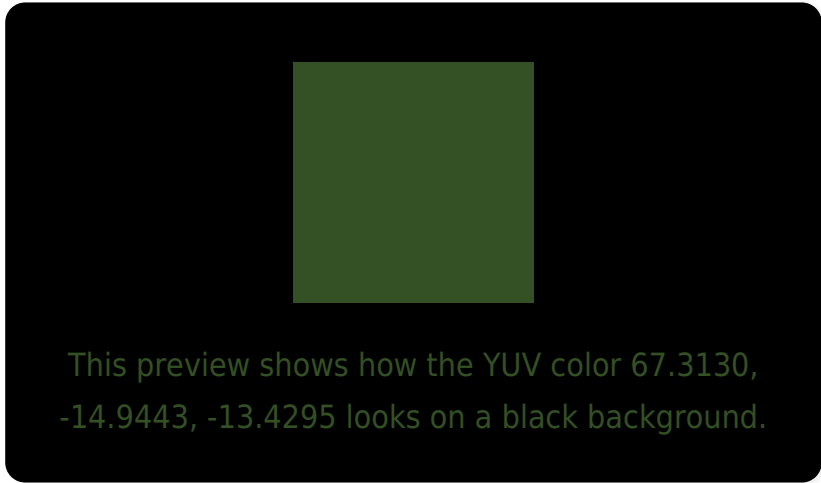
Large Text (above 18pt) WCAG AA ✓ Pass

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 67.3130, -14.9443, -13.4295 Background



This preview shows how black text looks on a background with the YUV color 67.3130, -14.9443, -13.4295.



This preview shows how white text looks on a background with the YUV color 67.3130, -14.9443, -13.4295.

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

67.3130, -14.9443, -13.4295

Protanopia

71.0600, -17.7776, 8.7174

Deuteranopia

72.5600, -16.0521, 15.2949



Tritanopia

71.6010, 5.1267, -11.0511

Trichromacy



Original Color

67.3130, -14.9443, -13.4295

Protanomaly

69.6460, -16.5875, 0.3105

Deuteranomaly

70.6080, -15.5827, 4.7288

Tritanomaly

70.0540, -1.9986, -12.3254

Monochromacy



Original Color

67.3130, -14.9443, -13.4295

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

67.1860, -5.5147, -4.5481

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.3130, -14.9443, -13.4295 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(52, 81, 37)` looks like.

```
.text, #text, p{  
    color:rgb(52, 81, 37)  
}
```

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(52, 81, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 81, 37) }
```

Border

The CSS property to change the border of an element to YUV 67.3130, -14.9443, -13.4295 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(52, 81, 37) }
```


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

```
.border{ border-color:rgb(52, 81, 37) }
```

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

Here you see how a box with a 4 pixel rgb(52, 81, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 81, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 81, 37);  
box-shadow:4px 4px 4px 4px rgb(52, 81, 37)  
}
```

Background

The CSS property to change the background color of an element to YUV 67.3130, -14.9443, -13.4295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 81, 37) }
```

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

```
.background{ background-color: rgb(52, 81,  
37) }
```

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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