

Converting Colors

YUV(67.4470, -28.3214,
-16.1780)

Have a look what the booklet for
YUV(67.4470, -28.3214, -16.1780)
contains.

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Color

**YUV(67.4470, -28.3214,
-16.1780)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 31580A |
| RGB | 49, 88, 10 |
| RGB Percent | 19%, 35%, 4% |
| CMY | 0.8078, 0.6549, 0.9608 |
| CMYK | 0.44, 0.00, 0.89, 0.65 |
| HSL | 90°, 80%, 19% |
| HSV | 90°, 89%, 35% |
| XYZ | 4.8111, 7.6543, 1.5110 |
| YIQ | 67.4470, 1.7940, -32.5260 |

Conversions

Conversions Part 2

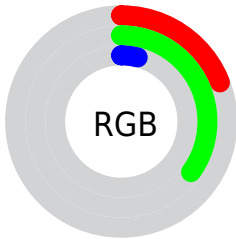
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 10, 88, 49 |
| Decimal | 3233802 |
| CIE _{Lab} | 33.25, -27.34, 36.86 |
| CIE _{LCh} | 33, 45.888, 126.565 |
| Yxy | 7.6543, 0.3442, 0.5477 |
| Android (android.graphics.Color) | 4281423882 (0xFF31580A) |
| YUV | 67.4470, -28.3214, -16.1780 |
| Hunter-Lab | 27.6665, -17.3756, 16.1284 |

Details

The YUV color **67.4470, -28.3214, -16.1780** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **30.5530, 28.3214, 16.1780**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **117.5610, -27.8846, -16.2780**, and **24.6540, -12.1544, -21.6216** is the 20% darker color. If you saturate the color by 10%, you get **65.2250, -31.6629, -17.7373**, and if you desaturate by 10%, it is **69.6690, -24.9798, -14.6187**.

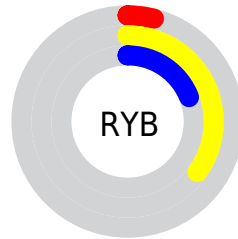
Distribution



Red (19%)

Green (35%)

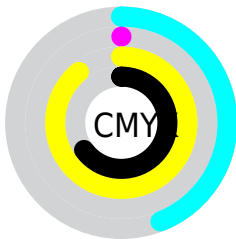
Blue (4%)



Red (4%)

Yellow (35%)

Blue (19%)

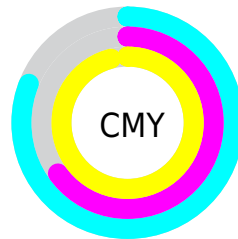


Cyan (44%)

Magenta (0%)

Yellow (89%)

Black (65%)



Cyan (81%)

Magenta (65%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.4470, -28.3214, -16.1780 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 67.4470, -28.3214, -16.1780 by changing the saturation by 10% instead.

■ 67.4470, -28.3214,
-16.1780

■ 67.4470, -28.3214,
-16.1780

■ 254.0880, -3.4944,
0.7998

■ 45.0430, -22.2062,
-17.5777

■ 117.5610,
-27.8846, -16.2780

■ 24.6540, -12.1544,
-21.6216

■ 144.2190,
-29.1950, -15.9781

■ 11.7400, -5.7878,
-10.2960

■ 170.6920,
-29.9212, -16.3929

■ 0.0000, 0.0000,
0.0000

■ 198.4640,
-30.7948, -16.1929


■ 226.9370,
-31.5209, -16.6077


■ 242.3220,


-25.3017, -4.6674


 250.8960,
-15.7247, 3.5992


 67.4470, -28.3214,
-16.1780


 67.4470, -28.3214,
-16.1780


 65.2250, -31.6629,
-17.7373


 69.6690, -24.9798,
-14.6187

 64.8120, -31.9523,
-18.2521

 72.1900, -21.7857,
-12.4446

 74.2980, -18.8809,
-10.7853

 76.8190, -15.6868,
-8.6113

 79.0410, -12.3452,
-7.0520

■ 81.2630, -9.0037,
-5.4927

■ 83.7840, -5.8095,
-3.3186

■ 85.8920, -2.9048,
-1.6593

■ 88.4130, 0.2894,
0.5148

Harmonies

Analogous

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



72.6850, -35.8337, 13.4313



67.4470, -28.3214, -16.1780



60.0630, -5.9471, -52.6753

Triad

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



67.4470, -28.3214, -16.1780



69.3600, 37.2905, -60.8287



73.5590, -0.7686, 60.0228

Complementary

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



67.4470, -28.3214, -16.1780



30.5530, 28.3214, 16.1780

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.



77.8740, 14.8521, 43.0835



67.4470, -28.3214, -16.1780



64.1740, 42.8052, -56.2806

Square

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



67.4470, -28.3214, -16.1780



68.9720, 25.6498, -60.4884



80.3840, 27.9117, 7.5562



73.9440, -18.2134, 55.3001

Rectangle

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



67.4470, -28.3214, -16.1780



63.5000, 4.6835, -55.6895



80.3840, 27.9117, 7.5562



74.3290, 4.7678, 57.5935

Sweetspot

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



67.4470, -28.3214, -16.1780



106.6820, -11.1822, -6.7371



56.2150, -22.7840, 27.8754



53.8440, -6.8251, -4.2482



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



67.4470, -28.3214, -16.1780



84.5480, -41.6822, -24.1596



55.7860, -22.5725, -40.1543



41.9460, -1.4524, -0.8296



78.9550, -38.9248, -21.8855



172.9280, -85.2535, -49.0489

Inverse Universe

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



30.5530, 28.3214, 16.1780



30.1530, 41.8296, 23.5448



42.2140, 22.5725, 40.1543



40.0540, 1.4524, 0.8296



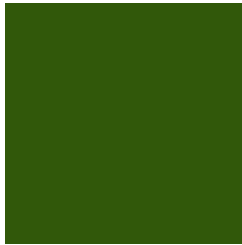
28.3440, 38.7774, 22.5003



61.7730, 85.4009, 48.4341

Previews

White Background



This preview shows how the YUV color 67.4470, -28.3214, -16.1780 looks on a white background.

Color Contrast Check

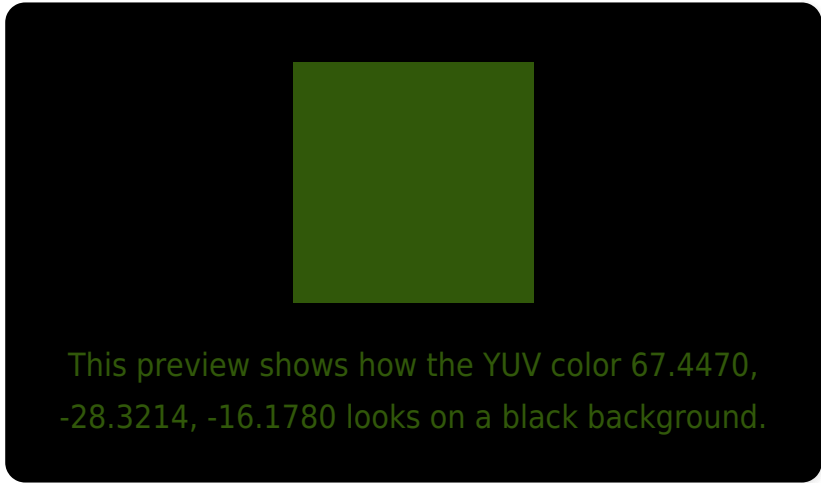
Large Text (above 18pt) WCAG AA ✓ Pass

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 67.4470, -28.3214, -16.1780

Background



This preview shows how black text looks on a background with the YUV color 67.4470, -28.3214, -16.1780.



This preview shows how white text looks on a background with the YUV color 67.4470, -28.3214,

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

67.4470, -28.3214, -16.1780

Protanopia

72.7820, -32.9235, 13.3462

Deuteranopia

75.0200, -27.1249, 20.1535



Tritanopia

76.1060, 5.8637, -14.1250

Trichromacy



Original Color

67.4470, -28.3214, -16.1780

Protanomaly

71.0580, -31.5806, 2.5801

Deuteranomaly

72.1170, -27.6657, 6.9134

Tritanomaly

72.8920, -6.3558, -14.8143

Monochromacy



Original Color

67.4470, -28.3214, -16.1780

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

67.2090, -10.4560, -6.3223

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.4470, -28.3214, -16.1780 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(49, 88, 10)` looks like.

```
.text, #text, p{  
    color:rgb(49, 88, 10)  
}
```

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(49, 88, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 88, 10) }
```

Border

The CSS property to change the border of an element to YUV 67.4470, -28.3214, -16.1780 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(49, 88, 10) }
```


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

```
.border{ border-color:rgb(49, 88, 10) }
```

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

Here you see how a box with a 4 pixel rgb(49, 88, 10) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 88, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 88, 10);  
box-shadow:4px 4px 4px 4px rgb(49, 88, 10)  
}
```

Background

The CSS property to change the background color of an element to YUV 67.4470, -28.3214, -16.1780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 88, 10) }
```

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

```
.background{ background-color: rgb(49, 88,  
10) }
```

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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