

Converting Colors

YUV(133.0340, -28.6108,
-16.6928)

Have a look what the booklet for
YUV(133.0340, -28.6108, -16.6928)
contains.

YUV(133.0340, -28.6108, -16.6928)	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(133.0340, -28.6108,
-16.6928)**

Conversions

Conversions Part 1

Format	Color
Hex	729A4B
RGB	114, 154, 75
RGB Percent	45%, 60%, 29%
CMY	0.5529, 0.3961, 0.7059
CMYK	0.26, 0.00, 0.51, 0.40
HSL	90°, 34%, 45%
HSV	90°, 51%, 60%
XYZ	19.7650, 27.1966, 10.8644
YIQ	133.0340, 1.5190, -33.0490

Conversions

Conversions Part 2

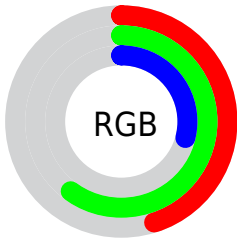
Format	Color
RYB	75, 154, 115
Decimal	7510603
CIELab	59.16, -27.72, 36.82
CIELCh	59, 46.086, 126.980
Yxy	27.1966, 0.3418, 0.4703
Android (android.graphics.Color)	4285700683 (0xFF729A4B)
YUV	133.0340, -28.6108, -16.6928
Hunter-Lab	52.1504, -23.6115, 24.1535

Details

The YUV color $133.0340, -28.6108, -16.6928$ is a dark color, and the websafe version is hex 669933 . A complement of this color would be $95.9660, 28.6108, 16.6928$, and the grayscale version is $133.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $187.2790, -30.2105, -16.9077$, and $82.2620, -27.7372, -16.8928$ is the 20% darker color. If you saturate the color by 10%, you get $128.9320, -33.9835, -20.1114$, and if you desaturate by 10%, it is $137.1360, -23.2380, -13.2743$.

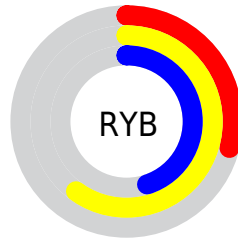
Distribution



Red (45%)

Green (60%)

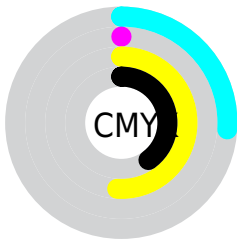
Blue (29%)



Red (29%)

Yellow (60%)

Blue (45%)

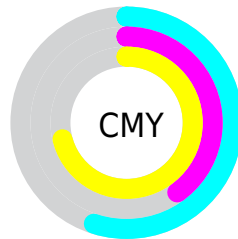


Cyan (26%)

Magenta (0%)

Yellow (51%)

Black (40%)



Cyan (55%)

Magenta (40%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.0340, -28.6108, -16.6928 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 133.0340, -28.6108, -16.6928 by changing the saturation by 10% instead.

■ 133.0340,
-28.6108, -16.6928

■ 133.0340,
-28.6108, -16.6928

■ 255.0000, 0.0000,
0.0000

■ 107.2620,
-27.7372, -16.8928

■ 187.2790,
-30.2105, -16.9077

■ 82.2620, -27.7372,
-16.8928

■ 215.0510,
-31.0841, -16.7077

■ 57.1480, -28.1740,
-16.7928

■ 237.0670,
-28.6270, -11.4598

■ 36.1720, -17.8328,
-20.3218

■ 248.9300,
-20.6715, 3.5694

■ 19.9580, -9.8393,
-17.5032

■ 252.8340, -8.2992,
1.8996

■ 0.0000, 0.0000,
0.0000

■ 133.0340,
-28.6108, -16.6928

■ 133.0340,
-28.6108, -16.6928

■ 128.9320,
-33.9835, -20.1114

■ 137.1360,
-23.2380, -13.2743

■ 124.7160,
-39.7930, -23.4299

■ 141.3520,
-17.4285, -9.9557

■ 120.9130,
-45.3131, -26.2337

■ 145.1550,
-11.9084, -7.1519

■ 116.6970,
-51.1226, -29.5523

■ 149.3710, -6.0989,
-3.8334

■ 113.1220,
-55.7691, -32.5560

■ 153.4730, -0.7262,
-0.4148

■ 157.5750, 4.6465,
3.0037

■ 161.7910, 10.4560,
6.3223

■ 165.5940, 15.9762,

9.1261

■ 169.8100, 21.7857,
12.4446

Harmonies

Analogous

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



137.4960, -39.1915, 17.1050



133.0340, -28.6108, -16.6928



122.7910, -6.7990, -59.4527

Triad

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



133.0340, -28.6108, -16.6928



115.6090, 49.4928, -101.3891



143.8540, -4.8580, 65.0260

Complementary

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



133.0340, -28.6108, -16.6928



95.9660, 28.6108, 16.6928

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.



146.0810, 14.2571, 47.2870



133.0340, -28.6108, -16.6928



136.2620, 42.7618, -42.3258

Square

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



133.0340, -28.6108, -16.6928



116.1670, 36.3997, -101.8785



145.9760, 30.0848, 10.5450



142.1360, -22.7450, 62.1477

Rectangle

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



133.0340, -28.6108, -16.6928



110.7120, 12.9600, -97.0944



145.9760, 30.0848, 10.5450



144.2540, 1.8468, 61.1672

Sweetspot

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



133.0340, -28.6108, -16.6928



193.0950, -10.8928, -6.2223



121.5140, -22.9314, 28.4902



97.2570, -6.5357, -3.7334



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



133.0340, -28.6108, -16.6928



168.0270, -44.8763, -26.3337



121.3730, -22.8619, -40.6691



74.8920, -2.9048, -1.6593



102.8110, -50.6858, -29.6522



9.4250, -4.6465, -3.0037

Inverse Universe

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



95.9660, 28.6108, 16.6928



109.9730, 44.8763, 26.3337



107.6270, 22.8619, 40.6691



71.1080, 2.9048, 1.6593



37.1890, 50.6858, 29.6522



3.2760, 4.7939, 2.3889

Previews

White Background



This preview shows how the YUV color 133.0340, -28.6108, -16.6928 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 133.0340, -28.6108, -16.6928 looks on a black 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 × Fail

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

YUV 133.0340, -28.6108, -16.6928 Background



This preview shows how black text looks on a background with the YUV color 133.0340, -28.6108, -16.6928.



This preview shows how white text looks on a background with the YUV color 133.0340, -28.6108, -16.6928.

-16.6928.

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

133.0340, -28.6108, -16.6928

Protanopia

138.3910, -33.2238, 16.3201

Deuteranopia

140.0920, -29.6254, 28.8603



Tritanopia

140.6870, 8.0423, -12.8805

Trichromacy



Original Color

133.0340, -28.6108, -16.6928

Protanomaly

136.0690, -31.5860, 4.3245

Deuteranomaly

137.6940, -29.4291, 12.5464

Tritanomaly

137.8320, -5.3402, -13.8847

Monochromacy



Original Color

133.0340, -28.6108, -16.6928

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

133.2090, -10.4560, -6.3223

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.0340, -28.6108, -16.6928 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(114, 154, 75)` looks like.

```
.text, #text, p{  
    color:rgb(114, 154, 75)  
}
```

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(114, 154, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 154, 75) }
```

Border

The CSS property to change the border of an element to YUV 133.0340, -28.6108, -16.6928 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(114, 154, 75) }
```


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

```
.border{ border-color:rgb(114, 154, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 154, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 154, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 154, 75);  
box-shadow:4px 4px 4px 4px rgb(114, 154,  
75) }
```

Background

The CSS property to change the background color of an element to YUV 133.0340, -28.6108, -16.6928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 154, 75) }
```

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

```
.background{ background-color: rgb(114,  
154, 75) }
```

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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