

Converting Colors

YUV(69.5670, -16.5485,
34.5827)

Have a look what the booklet for
YUV(69.5670, -16.5485, 34.5827)
contains.

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Color

**YUV(69.5670, -16.5485,
34.5827)**

Conversions

Conversions Part 1

Format	Color
Hex	6D3824
RGB	109, 56, 36
RGB Percent	43%, 22%, 14%
CMY	0.5725, 0.7804, 0.8588
CMYK	0.00, 0.49, 0.67, 0.57
HSL	16°, 50%, 28%
HSV	16°, 67%, 43%
XYZ	8.0393, 6.2069, 2.4434
YIQ	69.5670, 38.0080, 5.0160

Conversions

Conversions Part 2

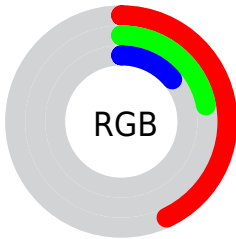
Format	Color
RYB	109, 64, 36
Decimal	7157796
CIELab	29.93, 21.51, 22.77
CIElCh	30, 31.329, 46.633
Yxy	6.2069, 0.4817, 0.3719
Android (android.graphics.Color)	4285347876 (0xFF6D3824)
YUV	69.5670, -16.5485, 34.5827
Hunter-Lab	24.9137, 14.0003, 11.6247

Details

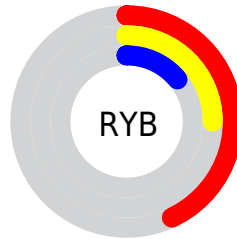
The YUV color **69.5670, -16.5485, 34.5827** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **75.4330, 16.5485, -34.5827**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.3180, -18.8908, 39.1861**, and **23.5000, -11.5855, 29.3795** is the 20% darker color. If you saturate the color by 10%, you get **63.6170, -19.0382, 39.8009**, and if you desaturate by 10%, it is **75.5170, -14.0589, 29.3646**.

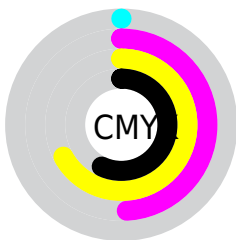
Distribution



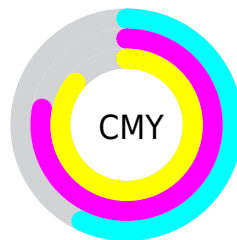
- Red (43%)
- Green (22%)
- Blue (14%)



- Red (43%)
- Yellow (25%)
- Blue (14%)



- Cyan (0%)
- Magenta (49%)
- Yellow (67%)
- Black (57%)



- Cyan (57%)
- Magenta (78%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 69.5670, -16.5485, 34.5827 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 69.5670, -16.5485, 34.5827 by changing the saturation by 10% instead.

69.5670, -16.5485,
34.5827

69.5670, -16.5485,
34.5827

255.0000, 0.0000,
0.0000

46.4850, -15.5221,
32.0237

119.3180,
-18.8908, 39.1861

23.5000, -11.5855,
29.3795

145.1010,
-19.7698, 41.1304

10.5790, -4.7224,
21.4172

172.5850,
-20.5014, 42.4600

0.0000, 0.0000,
0.0000

200.3680,
-21.3804, 44.4043

220.4910,
-17.9901, 30.2644

240.7060,

-14.1521, 12.5358

253.2900, -6.5520,
1.4997

69.5670, -16.5485,
34.5827

69.5670, -16.5485,
34.5827

63.6170, -19.0382,
39.8009

75.5170, -14.0589,
29.3646

57.6670, -21.5278,
45.0190

81.4670, -11.5692,
24.1464

51.7170, -24.0175,
50.2372

87.4170, -9.0796,
18.9283

50.2010, -24.7491,
51.5667

93.3670, -6.5899,
13.7101

99.3170, -4.1003,
8.4920

■ 104.5660, -1.7580,
3.8886

■ 110.5160, 0.7316,
-1.3295

■ 116.4660, 3.2213,
-6.5477

■ 122.4160, 5.7109,
-11.7658

Harmonies

Analogous

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



70.0590, -5.9451, 40.2903



69.5670, -16.5485, 34.5827



68.3560, -23.3465, 21.6128

Triad

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



69.5670, -16.5485, 34.5827



54.7460, 1.6042, -48.0122



68.8020, 23.7616, -14.7354

Complementary

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



69.5670, -16.5485, 34.5827



75.4330, 16.5485, -34.5827

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.



58.0640, 29.5484, -50.9221



69.5670, -16.5485, 34.5827



57.7100, 12.9610, -50.6117

Square

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



69.5670, -16.5485, 34.5827



63.2200, -13.9125, -17.7329



59.5170, 22.4231, -52.1964



72.5130, 15.5231, 14.4591

Rectangle

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



69.5670, -16.5485, 34.5827



67.4640, -23.8928, 10.1171



59.5170, 22.4231, -52.1964



65.1100, 26.5678, -28.1605

Sweetspot

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



69.5670, -16.5485, 34.5827



127.3670, -6.5899, 13.7101



63.9830, 12.8264, 39.4799



62.0180, -3.9529, 7.8772



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



69.5670, -16.5485, 34.5827



81.2830, -25.7755, 54.1258



90.6990, -26.9666, 16.0500



50.9680, -1.4632, 2.6591



53.7670, -26.5071, 55.4553



112.5840, -55.5039, 116.1288

Inverse Universe

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



75.4330, 16.5485, -34.5827



90.7170, 25.7755, -54.1258



54.3010, 26.9666, -16.0500



51.0320, 1.4632, -2.6591



63.2330, 26.5071, -55.4553



132.4160, 55.5039, -116.1288

Previews

White Background



This preview shows how the YUV color 69.5670, -16.5485, 34.5827 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



This preview shows how the YUV color 69.5670, -16.5485, 34.5827 looks on a 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 69.5670, -16.5485, 34.5827

Background



This preview shows how black text looks on a background with the YUV color 69.5670, -16.5485, 34.5827.

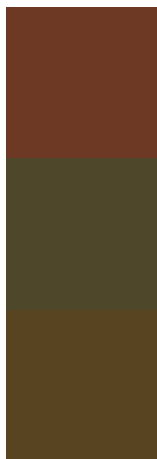


This preview shows how white text looks on a background with the YUV color 69.5670, -16.5485,

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

69.5670, -16.5485, 34.5827

Protanopia

69.6730, -14.1358, 7.3028

Deuteranopia

69.9900, -18.2361, 15.7948



Tritanopia

70.4990, -6.6550, 34.6424

Trichromacy



Original Color

69.5670, -16.5485, 34.5827

Protanomaly

69.7990, -15.1839, 16.8393

Deuteranomaly

70.1480, -17.8210, 22.6722

Tritanomaly

70.1740, -10.4388, 34.9274

Monochromacy



Original Color

69.5670, -16.5485, 34.5827

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

69.8830, -5.8583, 12.3806

CSS Examples

Text

The CSS property to change the color of the text to YUV 69.5670, -16.5485, 34.5827 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(109, 56, 36)` looks like.

```
.text, #text, p{  
    color:rgb(109, 56, 36)  
}
```

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(109, 56, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 56, 36) }
```

Border

The CSS property to change the border of an element to YUV 69.5670, -16.5485, 34.5827 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(109, 56, 36) }
```


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

```
.border{ border-color:rgb(109, 56, 36) }
```

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

Here you see how a box with a 4 pixel rgb(109, 56, 36) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 56, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 56, 36);  
box-shadow:4px 4px 4px 4px rgb(109, 56,  
36) }
```

Background

The CSS property to change the background color of an element to YUV 69.5670, -16.5485, 34.5827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 56, 36) }
```

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

```
.background{ background-color: rgb(109, 56,  
36) }
```

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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