

Converting Colors

YUV(69.5940, -17.5478,
28.4201)

Have a look what the booklet for
YUV(69.5940, -17.5478, 28.4201)
contains.

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Color

**YUV(69.5940, -17.5478,
28.4201)**

Conversions

Conversions Part 1

Format	Color
Hex	663C22
RGB	102, 60, 34
RGB Percent	40%, 24%, 13%
CMY	0.6000, 0.7647, 0.8667
CMYK	0.00, 0.41, 0.67, 0.60
HSL	23°, 50%, 27%
HSV	23°, 67%, 40%
XYZ	7.3841, 6.1720, 2.3155
YIQ	69.5940, 33.3780, 0.8180

Conversions

Conversions Part 2

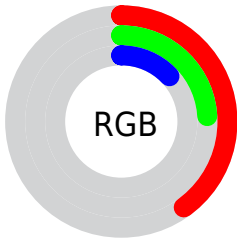
Format	Color
RYB	102, 76, 34
Decimal	6700066
CIELab	29.84, 15.75, 23.63
CIELCh	30, 28.397, 56.309
Yxy	6.1720, 0.4652, 0.3889
Android (android.graphics.Color)	4284890146 (0xFF663C22)
YUV	69.5940, -17.5478, 28.4201
Hunter-Lab	24.8435, 9.5784, 11.8644

Details

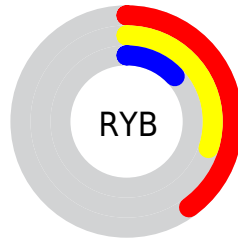
The YUV color **69.5940, -17.5478, 28.4201** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **66.4060, 17.5478, -28.4201**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.0460, -19.7427, 32.4087**, and **25.2280, -12.4374, 22.6020** is the 20% darker color. If you saturate the color by 10%, you get **64.9320, -20.1795, 32.5086**, and if you desaturate by 10%, it is **74.2560, -14.9162, 24.3315**.

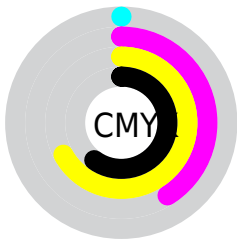
Distribution



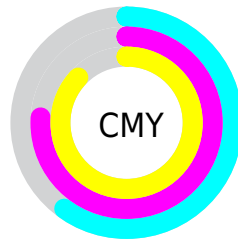
- Red (40%)
- Green (24%)
- Blue (13%)



- Red (40%)
- Yellow (30%)
- Blue (13%)



- Cyan (0%)
- Magenta (41%)
- Yellow (67%)
- Black (60%)



- Cyan (60%)
- Magenta (76%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 69.5940, -17.5478, 28.4201 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 69.5940, -17.5478, 28.4201 by changing the saturation by 10% instead.

■ 69.5940, -17.5478,
28.4201

■ 69.5940, -17.5478,
28.4201

■ 255.0000, 0.0000,
0.0000

■ 46.5120, -16.5214,
25.8610

■ 119.0460,
-19.7427, 32.4087

■ 25.2280, -12.4374,
22.6020

■ 144.8290,
-20.6217, 34.3530

■ 8.4860, -3.6906,
17.1138

■ 171.4270,
-20.9165, 35.5825

■ 0.0000, 0.0000,
0.0000

■ 199.2100,
-21.7955, 37.5268

■ 222.6110,
-20.0212, 28.4052

■ 242.7120,

-16.6200, 10.7766

253.0620, -7.4256,
1.6996

69.5940, -17.5478,
28.4201

69.5940, -17.5478,
28.4201

64.9320, -20.1795,
32.5086

74.2560, -14.9162,
24.3315

59.6830, -22.5217,
37.1120

79.5050, -12.5740,
19.7281

54.9070, -25.5902,
41.3006

84.2810, -9.5055,
15.5396

53.3910, -26.3218,
42.6301

88.9430, -6.8739,
11.4510

94.1920, -4.5317,
6.8476

■ 98.8540, -1.9000,
2.7590

■ 103.5160, 0.7316,
-1.3295

■ 108.2920, 3.8000,
-5.5181

■ 113.5410, 6.1423,
-10.1215

Harmonies

Analogous

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



70.2280, -8.9864, 35.7570



69.5940, -17.5478, 28.4201



68.1810, -21.2882, 14.7503

Triad

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



69.5940, -17.5478, 28.4201



55.1850, 5.8248, -48.3972



71.3150, 19.0717, -3.7843

Complementary

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



69.5940, -17.5478, 28.4201



66.4060, 17.5478, -28.4201

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.



61.2290, 26.0161, -37.9118



69.5940, -17.5478, 28.4201



57.6930, 15.4344, -50.5968

Square

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



69.5940, -17.5478, 28.4201



62.2670, -8.5126, -23.0362



58.5710, 23.8755, -51.3668



72.6940, 10.9969, 19.5624

Rectangle

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



69.5940, -17.5478, 28.4201



67.0440, -20.2347, 3.4694



58.5710, 23.8755, -51.3668



69.2430, 21.5722, -12.4911

Sweetspot

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



69.5940, -17.5478, 28.4201



119.9430, -6.8739, 11.4510



59.2340, 8.7586, 37.5058



58.3060, -4.0949, 6.7476



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



69.5940, -17.5478, 28.4201



82.1740, -27.2008, 44.5744



88.9650, -27.0977, 11.4317



48.6690, -1.3158, 2.0443



60.2130, -29.6850, 48.0482



126.9490, -62.5859, 100.8997

Inverse Universe

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



66.4060, 17.5478, -28.4201



77.2390, 27.4902, -44.0596



47.0350, 27.0977, -11.4317



48.3310, 1.3158, -2.0443



54.7870, 29.6850, -48.0482



115.6380, 62.2965, -101.4145

Previews

White Background



This preview shows how the YUV color 69.5940, -17.5478, 28.4201 looks on a white background.

Color Contrast Check

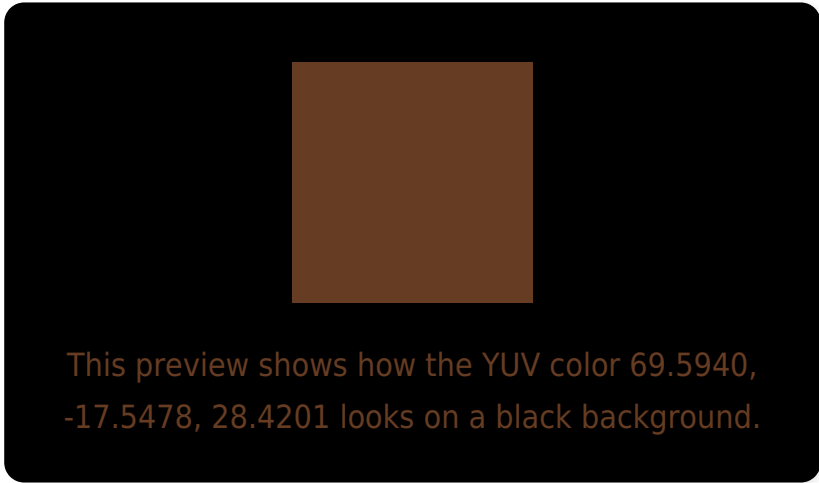
Large Text (above 18pt) WCAG AA ✓ Pass

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

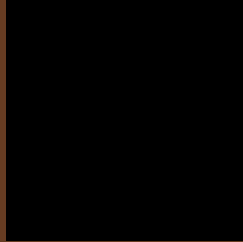
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 69.5940, -17.5478, 28.4201

Background



This preview shows how black text looks on a background with the YUV color 69.5940, -17.5478, 28.4201.



This preview shows how white text looks on a background with the YUV color 69.5940, -17.5478,

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

69.5940, -17.5478, 28.4201

Protanopia

69.3310, -15.4462, 7.6027

Deuteranopia

69.2890, -18.3835, 16.4095



Tritanopia

71.5090, -5.1809, 28.4946

Trichromacy



Original Color

69.5940, -17.5478, 28.4201

Protanomaly

69.5600, -16.0521, 15.2949

Deuteranomaly

69.1370, -17.8155, 20.9279

Tritanomaly

70.6570, -9.6909, 28.3648

Monochromacy



Original Color

69.5940, -17.5478, 28.4201

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

69.7580, -6.2897, 10.7362

CSS Examples

Text

The CSS property to change the color of the text to YUV 69.5940, -17.5478, 28.4201 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(102, 60, 34)` looks like.

```
.text, #text, p{  
    color:rgb(102, 60, 34)  
}
```

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(102, 60, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 60, 34) }
```

Border

The CSS property to change the border of an element to YUV 69.5940, -17.5478, 28.4201 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(102, 60, 34) }
```


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

```
.border{ border-color:rgb(102, 60, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 60, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 60, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 60, 34);  
box-shadow:4px 4px 4px 4px rgb(102, 60,  
34) }
```

Background

The CSS property to change the background color of an element to YUV 69.5940, -17.5478, 28.4201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 60, 34) }
```

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

```
.background{ background-color: rgb(102, 60,  
34) }
```

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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