

Converting Colors

YUV(68.9760, -6.8902, 16.6840)

Have a look what the booklet for
YUV(68.9760, -6.8902, 16.6840)
contains.

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Color

**YUV(68.9760, -6.8902,
16.6840)**

Conversions

Conversions Part 1

Format	Color
Hex	583E37
RGB	88, 62, 55
RGB Percent	35%, 24%, 22%
CMY	0.6549, 0.7569, 0.7843
CMYK	0.00, 0.30, 0.37, 0.65
HSL	13°, 23%, 28%
HSV	13°, 37%, 35%
XYZ	6.4367, 5.7958, 4.3939
YIQ	68.9760, 17.7430, 3.3350

Conversions

Conversions Part 2

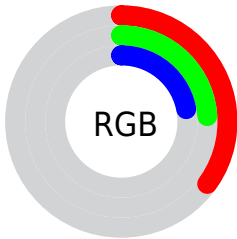
Format	Color
R_YB	88, 64, 55
Decimal	5783095
CIE Lab	28.89, 10.31, 8.80
CIE LCh	29, 13.551, 40.487
Yxy	5.7958, 0.3871, 0.3486
Android (android.graphics.Color)	4283973175 (0xFF583E37)
YUV	68.9760, -6.8902, 16.6840
Hunter-Lab	24.0745, 5.5947, 6.0310

Details

The YUV color **68.9760, -6.8902, 16.6840** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **74.0240, 6.8902, -16.6840**, and the grayscale version is **69.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **117.7590, -7.7692, 18.6284**, and **24.6660, -6.7373, 14.3249** is the 20% darker color. If you saturate the color by 10%, you get **63.8410, -8.7956, 21.1874**, and if you desaturate by 10%, it is **74.1110, -4.9847, 12.1807**.

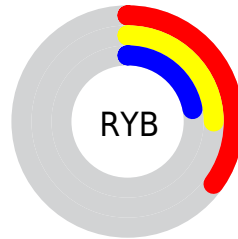
Distribution



Red (35%)

Green (24%)

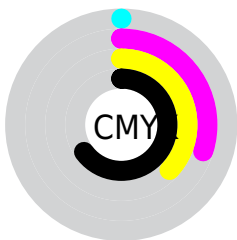
Blue (22%)



Red (35%)

Yellow (25%)

Blue (22%)

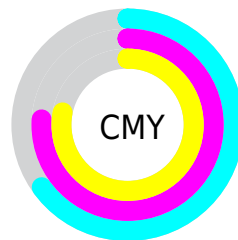


Cyan (0%)

Magenta (30%)

Yellow (37%)

Black (65%)



Cyan (65%)

Magenta (76%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 68.9760, -6.8902, 16.6840 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 68.9760, -6.8902, 16.6840 by changing the saturation by 10% instead.

■ 68.9760, -6.8902,
16.6840

■ 68.9760, -6.8902,
16.6840

■ 255.0000, 0.0000,
0.0000

■ 46.4920, -6.1586,
15.3545

■ 117.7590, -7.7692,
18.6284

■ 24.6660, -6.7373,
14.3249

■ 143.3570, -8.0640,
19.8579

■ 4.1860, -2.0637,
8.6069

■ 169.6560, -8.2114,
20.4727

■ 0.0000, 0.0000,
0.0000

■ 196.8410, -8.7956,
21.1874

■ 225.1400, -8.9430,
21.8022

■ 246.8500, -5.8420,

7.1476

■ 68.9760, -6.8902,
16.6840

■ 68.9760, -6.8902,
16.6840

■ 63.8410, -8.7956,
21.1874

■ 74.1110, -4.9847,
12.1807

■ 58.7060, -10.7011,
25.6908

■ 79.2460, -3.0793,
7.6773

■ 53.6850, -12.1697,
30.0943

■ 84.2670, -1.6106,
3.2738

■ 48.5500, -14.0751,
34.5977

■ 89.4020, 0.2948,
-1.2296

■ 43.4150, -15.9806,
39.1010

■ 94.5370, 2.2003,
-5.7329

■ 38.2800, -17.8860,
43.6044

■ 99.6720, 4.1057,
-10.2363

■ 37.4650, -18.4702,
44.3192

■ 104.8070, 6.0111,
-14.7397

■ 109.2410, 7.7692,
-18.6284

■ 114.3760, 9.6746,
-23.1318

Harmonies

Analogous

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



69.2410, -2.0908, 17.3286



68.9760, -6.8902, 16.6840



68.2590, -9.4947, 12.0509

Triad

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



68.9760, -6.8902, 16.6840



64.1570, -1.5564, -14.1697



68.0020, 10.3520, -7.0178

Complementary

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



68.9760, -6.8902, 16.6840



74.0240, 6.8902, -16.6840

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.



65.4630, 11.1107, -17.0691



68.9760, -6.8902, 16.6840



63.3070, 4.2856, -21.3172

Square

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



68.9760, -6.8902, 16.6840



66.1320, -6.9671, -5.3778



63.1480, 8.8010, -22.9318



69.2700, 7.2619, 4.1482

Rectangle

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



68.9760, -6.8902, 16.6840



67.4110, -10.0626, 7.5326



63.1480, 8.8010, -22.9318



67.0940, 10.7997, -10.6064

Sweetspot

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



68.9760, -6.8902, 16.6840



107.6480, -2.7845, 6.4477



67.8310, 6.4923, 17.6882



54.5660, -1.7580, 3.8886



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.



68.9760, -6.8902, 16.6840



85.0050, -10.8485, 26.3056



78.3680, -11.5204, 8.4473



40.7830, -0.8790, 1.9443



45.4940, -22.4285, 53.9408



99.6150, -49.1102, 118.7326

Inverse Universe

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



74.0240, 6.8902, -16.6840



92.9950, 10.8485, -26.3056



64.6320, 11.5204, -8.4473



41.2170, 0.8790, -1.9443



61.5060, 22.4285, -53.9408



135.3850, 49.1102, -118.7326

Previews

White Background



This preview shows how the YUV color 68.9760, -6.8902, 16.6840 looks on a white background.

Color Contrast Check

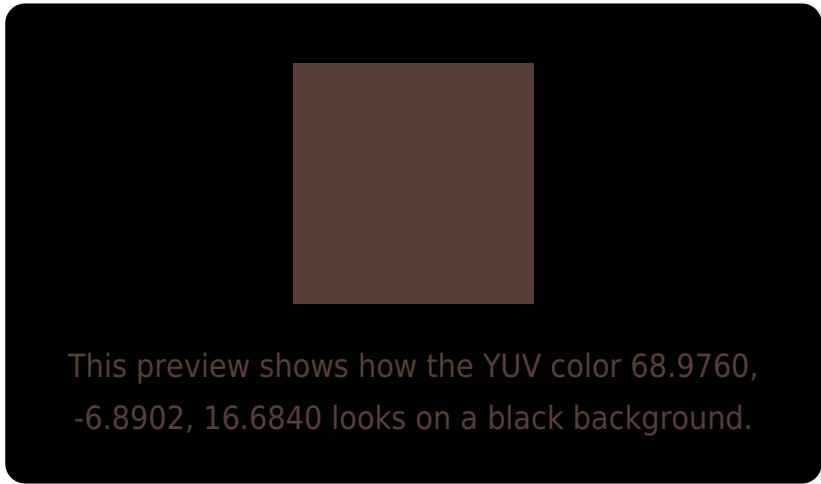
Large Text (above 18pt) WCAG AA ✓ Pass

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

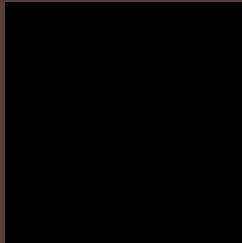
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 68.9760, -6.8902, 16.6840

Background



This preview shows how black text looks on a background with the YUV color 68.9760, -6.8902, 16.6840.

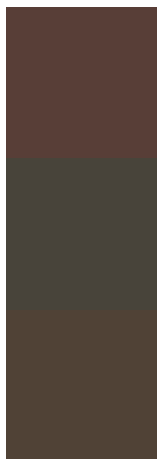


This preview shows how white text looks on a background with the YUV color 68.9760, -6.8902,

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

68.9760, -6.8902, 16.6840

Protanopia

68.0560, -4.9576, 3.4589

Deuteranopia

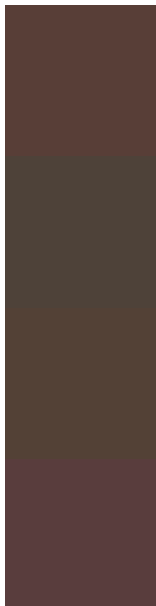
68.8180, -7.3053, 9.8066



Tritanopia

69.8280, -2.3802, 16.8138

Trichromacy



Original Color

68.9760, -6.8902, 16.6840

Protanomaly

68.5620, -5.7001, 8.2771

Deuteranomaly

69.1280, -7.4581, 12.1657

Tritanomaly

69.3720, -4.1274, 17.2138

Monochromacy



Original Color

68.9760, -6.8902, 16.6840

Achromatopsia

69.0000, 0.0000, 0.0000

Achromatomaly

68.7620, -2.3477, 6.3477

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.9760, -6.8902, 16.6840 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(88, 62, 55)` looks like.

```
.text, #text, p{  
    color:rgb(88, 62, 55)  
}
```

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(88, 62, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 62, 55) }
```

Border

The CSS property to change the border of an element to YUV 68.9760, -6.8902, 16.6840 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(88, 62, 55) }
```


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

```
.border{ border-color:rgb(88, 62, 55) }
```

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

Here you see how a box with a 4 pixel rgb(88, 62, 55) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 62, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 62, 55);  
box-shadow:4px 4px 4px 4px rgb(88, 62, 55)  
}
```

Background

The CSS property to change the background color of an element to YUV 68.9760, -6.8902, 16.6840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 62, 55) }
```

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

```
.background{ background-color: rgb(88, 62,  
55) }
```

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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