

Converting Colors

YUV(64.5960, -3.7448, 34.5573)

Have a look what the booklet for
YUV(64.5960, -3.7448, 34.5573)
contains.

YUV(64.5960, -3.7448, 34.5573)	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(64.5960, -3.7448,
34.5573)**

Conversions

Conversions Part 1

Format	Color
Hex	682E39
RGB	104, 46, 57
RGB Percent	41%, 18%, 22%
CMY	0.5922, 0.8196, 0.7765
CMYK	0.00, 0.56, 0.45, 0.59
HSL	349°, 39%, 29%
HSV	349°, 56%, 41%
XYZ	7.4244, 5.1925, 4.4818
YIQ	64.5960, 31.0370, 15.7170

Conversions

Conversions Part 2

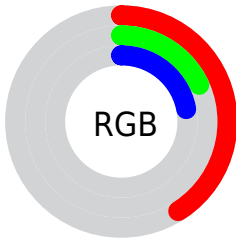
Format	Color
R_{YB}	104, 46, 57
Decimal	6827577
CIE Lab	27.28, 27.20, 5.56
CIE LCh	27, 27.763, 11.551
Yxy	5.1925, 0.4342, 0.3037
Android (android.graphics.Color)	4285017657 (0xFF682E39)
YUV	64.5960, -3.7448, 34.5573
Hunter-Lab	22.7870, 18.2816, 4.2895

Details

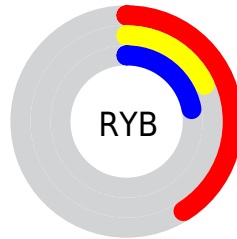
The YUV color **64.5960, -3.7448, 34.5573** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **85.4040, 3.7448, -34.5573**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **114.2760, -5.0661, 38.3459**, and **17.7420, -1.8448, 31.7983** is the 20% darker color. If you saturate the color by 10%, you get **57.8140, -4.3453, 40.5051**, and if you desaturate by 10%, it is **71.3780, -3.1444, 28.6095**.

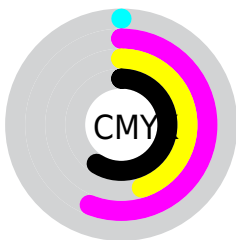
Distribution



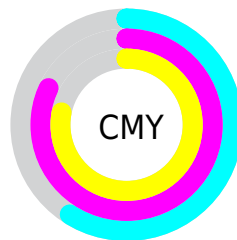
- Red (41%)
- Green (18%)
- Blue (22%)



- Red (41%)
- Yellow (18%)
- Blue (22%)



- Cyan (0%)
- Magenta (56%)
- Yellow (45%)
- Black (59%)



- Cyan (59%)
- Magenta (82%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 64.5960, -3.7448, 34.5573 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 64.5960, -3.7448, 34.5573 by changing the saturation by 10% instead.

64.5960, -3.7448,
34.5573

64.5960, -3.7448,
34.5573

255.0000, 0.0000,
0.0000

40.9270, -2.4290,
32.5130

114.2760, -5.0661,
38.3459

17.7420, -1.8448,
31.7983

139.8740, -5.3609,
39.5755

8.7850, -3.8380,
17.7286

166.7710, -5.8031,
41.4198

0.0000, 0.0000,
0.0000

194.3690, -6.0979,
42.6494

217.4710, -4.1762,
32.9129

237.0990, -0.0488,

15.6992

■ 64.5960, -3.7448,
34.5573

■ 64.5960, -3.7448,
34.5573

■ 57.8140, -4.3453,
40.5051

■ 71.3780, -3.1444,
28.6095

■ 50.3310, -5.0932,
47.0677

■ 78.8610, -2.3965,
22.0469

■ 43.5490, -5.6937,
53.0155

■ 85.6430, -1.7960,
16.0991

■ 36.0660, -6.4415,
59.5781

■ 93.1260, -1.0481,
9.5365

■ 33.3760, -6.5944,
61.9372

■ 99.9080, -0.4476,
3.5887

■ 106.8040, 0.5896,
-2.4591

■ 114.1730, 0.9007,
-8.9217

■ 120.9550, 1.5012,
-14.8695

■ 128.4380, 2.2491,
-21.4321

Harmonies

Analogous

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



66.0710, 5.8810, 27.1247



64.5960, -3.7448, 34.5573



64.0550, -13.3381, 31.5238

Triad

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



64.5960, -3.7448, 34.5573



58.6660, -13.6393, -11.9851



52.9460, 25.1696, -46.4336

Complementary

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



64.5960, -3.7448, 34.5573



85.4040, 3.7448, -34.5573

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.



53.9260, 18.7705, -47.2931



64.5960, -3.7448, 34.5573



51.2310, -0.6069, -38.7906

Square

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



64.5960, -3.7448, 34.5573



61.7670, -20.0981, 6.3433



52.2330, 9.7451, -45.8083



62.2100, 21.5885, -17.7242

Rectangle

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



64.5960, -3.7448, 34.5573



63.4580, -17.9738, 25.0313



52.2330, 9.7451, -45.8083



53.7780, 23.2804, -47.1633

Sweetspot

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



64.5960, -3.7448, 34.5573



119.4470, -1.2064, 13.6400



66.3660, 18.5536, 22.4810



59.5280, -0.7533, 8.3069



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



64.5960, -3.7448, 34.5573



73.8480, -5.8411, 53.6303



73.3210, -13.4693, 26.9055



47.6090, -0.3002, 2.9739



36.8930, -7.3422, 68.4998



77.6020, -15.5798, 144.1770

Inverse Universe

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



64.5960, -3.7448, 34.5573



73.8480, -5.8411, 53.6303



76.6790, 13.4693, -26.9055



47.6090, -0.3002, 2.9739



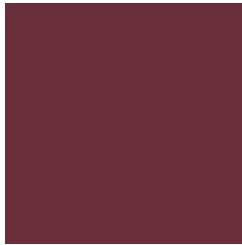
36.8930, -7.3422, 68.4998



77.6020, -15.5798, 144.1770

Previews

White Background



This preview shows how the YUV color 64.5960, -3.7448, 34.5573 looks on a white background.

Color Contrast Check

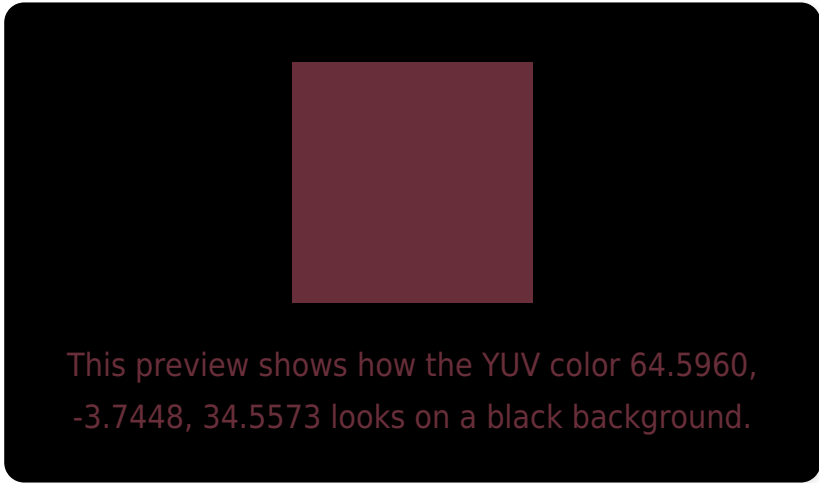
Large Text (above 18pt) WCAG AA ✓ Pass

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

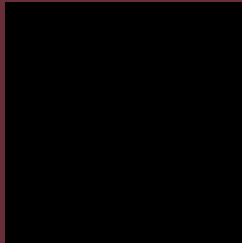
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 64.5960, -3.7448, 34.5573

Background



This preview shows how black text looks on a background with the YUV color 64.5960, -3.7448, 34.5573.



This preview shows how white text looks on a background with the YUV color 64.5960, -3.7448,

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

64.5960, -3.7448, 34.5573

Protanopia

65.5270, 0.7262, 0.4148

Deuteranopia

65.5620, -5.7001, 8.2771



Tritanopia

64.3850, -7.0918, 34.7424

Trichromacy



Original Color

64.5960, -3.7448, 34.5573

Protanomaly

65.1480, -1.0590, 13.0252

Deuteranomaly

65.4430, -5.1484, 18.0285

Tritanomaly

64.7270, -5.7814, 34.4424

Monochromacy



Original Color

64.5960, -3.7448, 34.5573

Achromatopsia

65.0000, 0.0000, 0.0000

Achromatomaly

64.7350, -1.3484, 12.5104

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.5960, -3.7448, 34.5573 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(104, 46, 57)` looks like.

```
.text, #text, p{  
    color:rgb(104, 46, 57)  
}
```

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(104, 46, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 46, 57) }
```

Border

The CSS property to change the border of an element to YUV 64.5960, -3.7448, 34.5573 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(104, 46, 57) }
```


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

```
.border{ border-color:rgb(104, 46, 57) }
```

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

Here you see how a box with a 4 pixel rgb(104, 46, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 46, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 46, 57);  
box-shadow:4px 4px 4px 4px rgb(104, 46,  
57) }
```

Background

The CSS property to change the background color of an element to YUV 64.5960, -3.7448, 34.5573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 46, 57) }
```

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

```
.background{ background-color: rgb(104, 46,  
57) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor