

Converting Colors

YUV(67.6550, 16.9321, 29.2436)

Have a look what the booklet for
YUV(67.6550, 16.9321, 29.2436)
contains.

| | |
|--|----|
| YUV(67.6550, 16.9321, 29.2436) | 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(67.6550, 16.9321,
29.2436)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 652C66 |
| RGB | 101, 44, 102 |
| RGB Percent | 40%, 17%, 40% |
| CMY | 0.6039, 0.8275, 0.6000 |
| CMYK | 0.01, 0.57, 0.00, 0.60 |
| HSL | 299°, 40%, 29% |
| HSV | 299°, 57%, 40% |
| XYZ | 8.6658, 5.5274, 13.1805 |
| YIQ | 67.6550, 15.3540, 30.1220 |

Conversions

Conversions Part 2

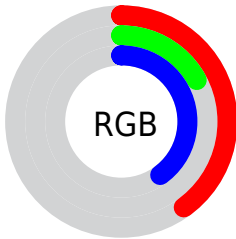
| Format | Color |
|-------------------------------------|--|
| RYB | 101, 44, 102 |
| Decimal | 6630502 |
| CIELab | 28.19, 34.58, -22.75 |
| CIELCh | 28, 41.391, 326.656 |
| Yxy | 5.5274, 0.3166, 0.2019 |
| Android (android.graphics.Color) | 4284820582 (0xFF652C66) |
| YUV | 67.6550, 16.9321, 29.2436 |
| Hunter-Lab | 23.5104, 24.6509, -16.7823 |

Details

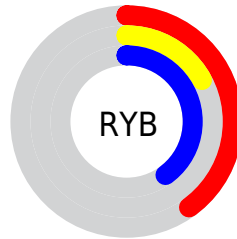
The YUV color **67.6550, 16.9321, 29.2436** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **78.3450, -16.9321, -29.2436**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.0790, 17.2161, 31.5027**, and **21.8180, 16.3587, 26.4696** is the 20% darker color. If you saturate the color by 10%, you get **61.7850, 19.8260, 34.3916**, and if you desaturate by 10%, it is **73.5250, 14.0382, 24.0956**.

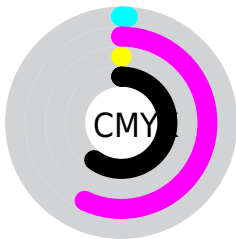
Distribution



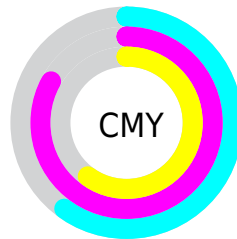
- Red (40%)
- Green (17%)
- Blue (40%)



- Red (40%)
- Yellow (17%)
- Blue (40%)



- Cyan (1%)
- Magenta (57%)
- Yellow (0%)
- Black (60%)



- Cyan (60%)
- Magenta (83%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.6550, 16.9321, 29.2436 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 67.6550, 16.9321, 29.2436 by changing the saturation by 10% instead.

67.6550, 16.9321,
29.2436

67.6550, 16.9321,
29.2436

255.0000, 0.0000,
0.0000

42.7690, 17.3689,
29.1436

118.0790, 17.2161,
31.5027

21.8180, 16.3587,
26.4696

143.9050, 17.7948,
32.5323

13.0310, 9.8447,
15.7588

171.3180, 18.0842,
33.0471

0.6840, 2.6208,
-0.5999

199.0300, 18.2262,
34.1767

0.0000, 0.0000,
0.0000

222.1280, 16.2059,
28.8287

239.1510, 7.8136,

13.8996

■ 67.6550, 16.9321,
29.2436

■ 67.6550, 16.9321,
29.2436

■ 61.7850, 19.8260,
34.3916

■ 73.5250, 14.0382,
24.0956

■ 55.9150, 22.7199,
39.5395

■ 79.3950, 11.1443,
18.9476

■ 49.1590, 26.0506,
44.5876

■ 86.1510, 7.8136,
13.8996

■ 43.2890, 28.9445,
49.7355

■ 92.0210, 4.9196,
8.7516

■ 41.5280, 29.8127,
51.2799

■ 97.8910, 2.0257,
3.6036

■ 103.7610, -0.8682,
-1.5444

■ 109.6310, -3.7621,
-6.6924

■ 116.0880, -6.9454,
-12.3552

■ 122.2570, -9.9867,
-16.8884

Harmonies

Analogous

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



66.6980, 28.2499, -7.6281



67.6550, 16.9321, 29.2436



62.7580, 4.0633, 50.2012

Triad

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



67.6550, 16.9321, 29.2436



62.6840, -30.9032, 18.6941



58.2630, 17.6183, -51.0967

Complementary

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



67.6550, 16.9321, 29.2436



78.3450, -16.9321, -29.2436

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.



54.6150, 3.6408, -47.8974



67.6550, 16.9321, 29.2436



58.6980, -28.9381, -4.9971

Square

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



67.6550, 16.9321, 29.2436



63.4830, -25.8741, 39.0414



49.0920, -9.9054, -43.0537



59.4660, 29.8433, -52.1517

Rectangle

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



67.6550, 16.9321, 29.2436



61.8480, -5.8411, 53.6303



49.0920, -9.9054, -43.0537



57.1230, 13.2504, -50.0969

Sweetspot

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



67.6550, 16.9321, 29.2436



119.2000, 6.8034, 11.2256



51.7860, 24.7555, -6.8283



58.3690, 3.7621, 6.6924



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.



67.6550, 16.9321, 29.2436



78.9850, 26.6294, 45.6172



64.8760, 4.9911, 32.5577



48.0650, 1.4470, 2.5740



46.8970, 33.5748, 57.9723



98.7500, 70.6222, 122.1222

Inverse Universe

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



61.4560, -8.1128, 35.5571



69.4370, -12.5404, 55.7448



81.1240, -4.9911, -32.5577



47.4950, -0.7370, 3.0739



34.6130, -16.0782, 70.4994



72.8140, -33.9253, 148.3761

Previews

White Background



This preview shows how the YUV color 67.6550, 16.9321, 29.2436 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 67.6550, 16.9321, 29.2436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

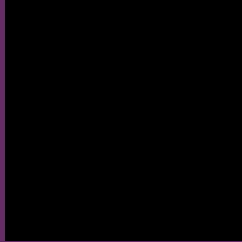
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 67.6550, 16.9321, 29.2436

Background



This preview shows how black text looks on a background with the YUV color 67.6550, 16.9321, 29.2436.



This preview shows how white text looks on a background with the YUV color 67.6550, 16.9321,

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

67.6550, 16.9321, 29.2436

Protanopia

63.9090, 28.1459, -20.9682

Deuteranopia

66.9460, 15.3096, -10.4766



Tritanopia

67.7150, -4.2965, 24.8059

Trichromacy



Original Color

67.6550, 16.9321, 29.2436

Protanomaly

64.9930, 24.1605, -2.6249

Deuteranomaly

67.4470, 15.5556, 3.9930

Tritanomaly

67.7890, 3.5550, 26.4950

Monochromacy



Original Color

67.6550, 16.9321, 29.2436

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

67.6730, 6.0772, 10.8108

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.6550, 16.9321, 29.2436 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(101, 44, 102)` looks like.

```
.text, #text, p{  
    color:rgb(101, 44, 102)  
}
```

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(101, 44, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 44, 102) }
```

Border

The CSS property to change the border of an element to YUV 67.6550, 16.9321, 29.2436 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(101, 44, 102) }
```


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

```
.border{ border-color:rgb(101, 44, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 44, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 44, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 44, 102);  
box-shadow:4px 4px 4px 4px rgb(101, 44,  
102) }
```

Background

The CSS property to change the background color of an element to YUV 67.6550, 16.9321, 29.2436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 44, 102) }
```

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

```
.background{ background-color: rgb(101, 44,  
102) }
```

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