

Converting Colors

YUV(65.8100, 1.5727, 8.9366)

Have a look what the booklet for
YUV(65.8100, 1.5727, 8.9366)
contains.

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Color

**YUV(65.8100, 1.5727,
8.9366)**

Conversions

Conversions Part 1

Format	Color
Hex	4C3C45
RGB	76, 60, 69
RGB Percent	30%, 24%, 27%
CMY	0.7020, 0.7647, 0.7294
CMYK	0.00, 0.21, 0.09, 0.70
HSL	326°, 12%, 27%
HSV	326°, 21%, 30%
XYZ	5.6705, 5.1979, 6.3346
YIQ	65.8100, 6.6470, 6.1910

Conversions

Conversions Part 2

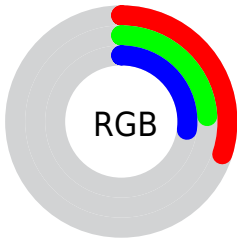
Format	Color
R_{YB}	76, 60, 69
Decimal	4996165
CIE Lab	27.29, 8.77, -2.86
CIE LCh	27, 9.226, 341.963
Yxy	5.1979, 0.3296, 0.3021
Android (android.graphics.Color)	4283186245 (0xFF4C3C45)
YUV	65.8100, 1.5727, 8.9366
Hunter-Lab	22.7989, 4.4984, -0.5145




Details

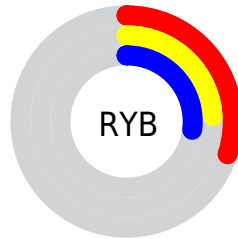
The YUV color **65.8100, 1.5727, 8.9366** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **70.1900, -1.5727, -8.9366**, and the grayscale version is **66.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **113.5220, 1.7147, 10.0662**, and **23.0980, 1.4307, 7.8071** is the 20% darker color. If you saturate the color by 10%, you get **60.7720, 2.5774, 13.3550**, and if you desaturate by 10%, it is **70.8480, 0.5679, 4.5183**.

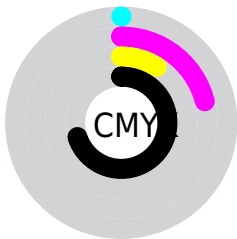
Distribution







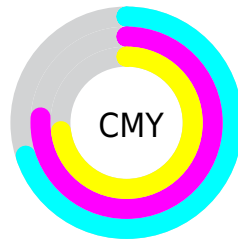
-  Red (30%)
-  Green (24%)
-  Blue (27%)






-  Red (30%)
-  Yellow (24%)
-  Blue (27%)



-  Cyan (0%)
-  Magenta (21%)
-  Yellow (9%)
-  Black (70%)



-  Cyan (70%)
-  Magenta (76%)
-  Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 65.8100, 1.5727, 8.9366 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 65.8100, 1.5727, 8.9366 by changing the saturation by 10% instead.

■ 65.8100, 1.5727,
8.9366

■ 65.8100, 1.5727,
8.9366

■ 255.0000, 0.0000,
0.0000

■ 43.5110, 1.7201,
8.3219

■ 113.5220, 1.7147,
10.0662

■ 23.0980, 1.4307,
7.8071

■ 139.5220, 1.7147,
10.0662

■ 0.0000, 0.0000,
0.0000

■ 165.8210, 1.5672,
10.6810

■ 192.8210, 1.5672,
10.6810

■ 220.2340, 1.8566,
11.1958

■ 247.1410, 2.8885,

6.8923

■ 65.8100, 1.5727,
8.9366

■ 65.8100, 1.5727,
8.9366

■ 60.7720, 2.5774,
13.3550

■ 70.8480, 0.5679,
4.5183

■ 56.2070, 2.8559,
17.3585

■ 75.4130, 0.2894,
0.5148

■ 51.1690, 3.8607,
21.7768

■ 80.4510, -0.7153,
-3.9035

■ 46.7180, 4.5760,
25.6803

■ 84.9020, -1.4307,
-7.8071

■ 41.5660, 5.1440,
30.1986

■ 90.0540, -1.9986,
-12.3254

■ 36.5280, 6.1487,
34.6169

■ 95.0920, -3.0034,
-16.7437

■ 32.0770, 6.8640,
38.5205

■ 99.5430, -3.7187,
-20.6472

■ 27.6260, 7.5794,
42.4240

■ 104.6950, -4.2866,
-25.1655

■ 109.1460, -5.0020,
-29.0690

Harmonies

Analogous

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



65.5750, 4.6465, 3.0037



65.8100, 1.5727, 8.9366



65.9090, -1.9271, 11.4808

Triad

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



65.8100, 1.5727, 8.9366



64.0020, -6.4100, 2.6292



62.1060, 5.8637, -14.1250

Complementary

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



65.8100, 1.5727, 8.9366



70.1900, -1.5727, -8.9366

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.



61.8950, 2.5168, -13.9399



65.8100, 1.5727, 8.9366



63.1260, -4.4991, -3.6185

Square

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



65.8100, 1.5727, 8.9366



64.9210, -6.8631, 7.9623



62.0050, -0.9885, -9.6514



62.8830, 7.4527, -10.4214

Rectangle

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



65.8100, 1.5727, 8.9366



65.3390, -4.1111, 11.9807



62.0050, -0.9885, -9.6514



61.5790, 5.1376, -14.5398

Sweetspot

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



65.8100, 1.5727, 8.9366



95.2500, 0.8628, 3.2887



63.9170, 5.9569, 2.7038



48.4240, 0.2840, 2.2592



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



65.8100, 1.5727, 8.9366



83.7720, 2.5774, 13.3550



64.8980, -1.9217, 9.7365



35.5380, 0.7208, 2.1592



36.9960, 9.8620, 57.0085



83.4760, 22.4433, 128.5015

Inverse Universe

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



65.8100, 1.5727, 8.9366



83.7720, 2.5774, 13.3550



71.1020, 1.9217, -9.7365



35.5380, 0.7208, 2.1592



36.9960, 9.8620, 57.0085



83.4760, 22.4433, 128.5015

Previews

White Background



This preview shows how the YUV color 65.8100, 1.5727, 8.9366 looks on a white background.

Color Contrast Check

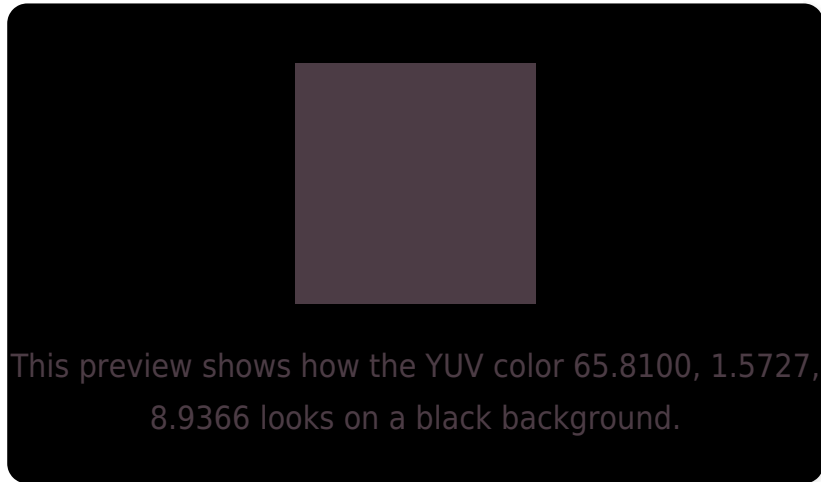
Large Text (above 18pt) WCAG AA ✓ Pass

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

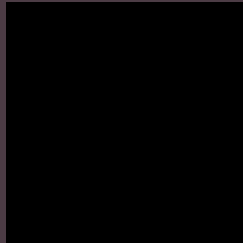
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 65.8100, 1.5727, 8.9366

Background



This preview shows how black text looks on a background with the YUV color 65.8100, 1.5727, 8.9366.



This preview shows how white text looks on a background with the YUV color 65.8100, 1.5727,

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

65.8100, 1.5727, 8.9366

Protanopia

64.9120, 3.4944, -0.7998

Deuteranopia

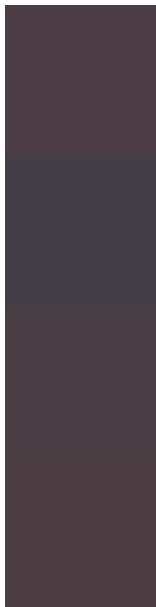
65.3640, 1.2995, 3.1888



Tritanopia

65.9410, -0.4639, 8.8217

Trichromacy



Original Color

65.8100, 1.5727, 8.9366

Protanomaly

65.4070, 2.7573, 2.2741

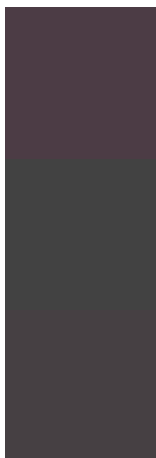
Deuteranomaly

65.6740, 1.1467, 5.5479

Tritanomaly

66.0550, -0.0271, 8.7218

Monochromacy



Original Color

65.8100, 1.5727, 8.9366

Achromatopsia

66.0000, 0.0000, 0.0000

Achromatomaly

66.1360, 0.4260, 3.3887

CSS Examples

Text

The CSS property to change the color of the text to YUV 65.8100, 1.5727, 8.9366 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(76, 60, 69)` looks like.

```
.text, #text, p{  
    color:rgb(76, 60, 69)  
}
```

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(76, 60, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 60, 69) }
```

Border

The CSS property to change the border of an element to YUV 65.8100, 1.5727, 8.9366 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(76, 60, 69) }
```


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

```
.border{ border-color:rgb(76, 60, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 60, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 60, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 60, 69);  
box-shadow:4px 4px 4px 4px rgb(76, 60, 69)  
}
```

Background

The CSS property to change the background color of an element to YUV 65.8100, 1.5727, 8.9366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 60, 69) }
```

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

```
.background{ background-color: rgb(76, 60,  
69) }
```

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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