

Converting Colors

YUV(58.5690, 4.1565, 67.0300)

Have a look what the booklet for
YUV(58.5690, 4.1565, 67.0300)
contains.

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Color

**YUV(58.5690, 4.1565,
67.0300)**

Conversions

Conversions Part 1

Format	Color
Hex	871243
RGB	135, 18, 67
RGB Percent	53%, 7%, 26%
CMY	0.4706, 0.9294, 0.7373
CMYK	0.00, 0.87, 0.50, 0.47
HSL	335°, 76%, 30%
HSV	335°, 87%, 53%
XYZ	11.2211, 5.9888, 5.8747
YIQ	58.5690, 54.0030, 40.0430

Conversions

Conversions Part 2

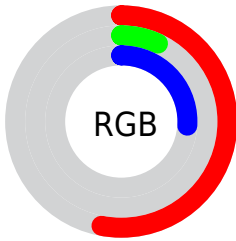
Format	Color
R_{YB}	135, 18, 67
Decimal	8852035
CIE _{Lab}	29.38, 49.66, 2.67
CIE _{LCh}	29, 49.735, 3.083
Yxy	5.9888, 0.4861, 0.2594
Android (android.graphics.Color)	4287042115 (0xFF871243)
YUV	58.5690, 4.1565, 67.0300
Hunter-Lab	24.4719, 39.0216, 2.8972

Details

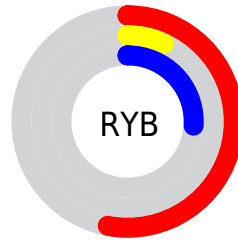
The YUV color **58.5690, 4.1565, 67.0300** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **94.4310, -4.1565, -67.0300**, and the grayscale version is **58.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.0160, -0.5009, 67.5150**, and **26.4710, -0.7252, 46.0679** is the 20% darker color. If you saturate the color by 10%, you get **49.4390, 4.7136, 75.0370**, and if you desaturate by 10%, it is **67.1120, 3.8888, 59.5378**.

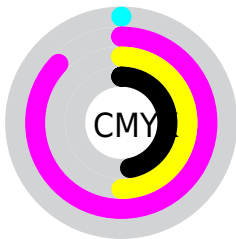
Distribution



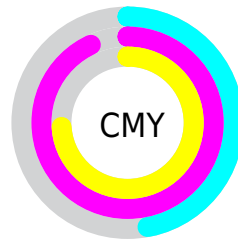
- Red (53%)
- Green (7%)
- Blue (26%)



- Red (53%)
- Yellow (7%)
- Blue (26%)



- Cyan (0%)
- Magenta (87%)
- Yellow (50%)
- Black (47%)



- Cyan (47%)
- Magenta (93%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 58.5690, 4.1565, 67.0300 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 58.5690, 4.1565, 67.0300 by changing the saturation by 10% instead.

■ 58.5690, 4.1565,
67.0300

■ 58.5690, 4.1565,
67.0300

255.0000, 0.0000,
0.0000

■ 37.1230, 3.8834,
61.2821

■ 116.0160, -0.5009,
67.5150

■ 26.4710, -0.7252,
46.0679

■ 143.3860, -1.6693,
68.9445

■ 16.6730, -7.2338,
33.6128

■ 171.2830, -2.1115,
70.7888

■ 2.9900, -1.4741,
6.1478

■ 191.6940, 1.1369,
55.5194

■ 0.0000, 0.0000,
0.0000

■ 211.2080, 4.8275,
38.4056

■ 230.9500, 9.3917,

21.0919

249.1300, 2.8939,
5.1480

58.5690, 4.1565,
67.0300

58.5690, 4.1565,
67.0300

49.4390, 4.7136,
75.0370

67.1120, 3.8888,
59.5378

46.8630, 4.9975,
77.2961

76.2420, 3.3317,
51.5308

84.7850, 3.0640,
44.0386

93.8010, 2.0701,
36.1315

102.9310, 1.5130,
28.1245

■ 111.4740, 1.2453,
20.6323

■ 120.6040, 0.6882,
12.6253

■ 129.1470, 0.4205,
5.1331

■ 137.6900, 0.1528,
-2.3591

Harmonies

Analogous

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



66.9110, 18.7779, 43.9281



58.5690, 4.1565, 67.0300



61.3730, -15.4669, 61.0629

Triad

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



58.5690, 4.1565, 67.0300



58.6320, -28.9056, -15.4633



63.8660, 36.5481, -56.0105

Complementary

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



58.5690, 4.1565, 67.0300



94.4310, -4.1565, -67.0300

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.



63.1360, 23.5970, -55.3703



58.5690, 4.1565, 67.0300



52.9560, -10.3313, -46.4424

Square

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



58.5690, 4.1565, 67.0300



65.0210, -32.0554, 14.8906



58.6900, 6.5618, -51.4711



59.6090, 43.0838, -52.2771

Rectangle

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



58.5690, 4.1565, 67.0300



63.6970, -30.4166, 49.3777



58.6900, 6.5618, -51.4711



64.2420, 32.9117, -56.3402

Sweetspot

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



58.5690, 4.1565, 67.0300



145.9200, 1.5184, 26.3802



51.0720, 41.3765, 28.8779



71.3270, 0.8248, 15.4992



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



58.5690, 4.1565, 67.0300



61.0600, 6.3794, 100.8024



57.6790, -19.5617, 67.8105



62.0220, -0.0108, 3.4887



45.0260, 4.4242, 74.5222



1.0110, -0.0054, 1.7444

Inverse Universe

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



58.5690, 4.1565, 67.0300



61.0600, 6.3794, 100.8024



95.3210, 19.5617, -67.8105



62.0220, -0.0108, 3.4887



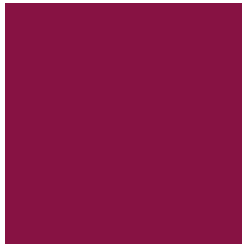
45.0260, 4.4242, 74.5222



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 58.5690, 4.1565, 67.0300 looks on a white background.

Color Contrast Check

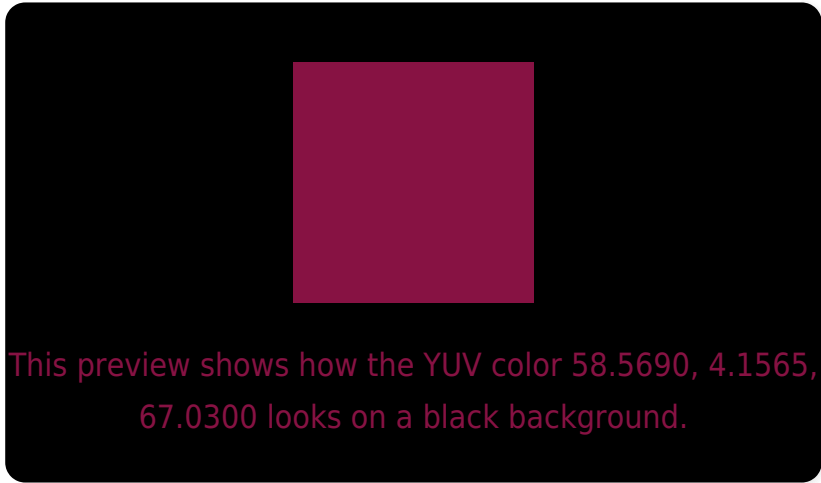
Large Text (above 18pt) WCAG AA ✓ Pass

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 58.5690, 4.1565, 67.0300

Background



This preview shows how black text looks on a background with the YUV color 58.5690, 4.1565, 67.0300.



This preview shows how white text looks on a background with the YUV color 58.5690, 4.1565,

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

58.5690, 4.1565, 67.0300

Protanopia

71.2410, 11.2202, -5.4734

Deuteranopia

72.0890, -4.9739, 8.6919



Tritanopia

61.4980, -15.0355, 62.7073

Trichromacy



Original Color

58.5690, 4.1565, 67.0300

Protanomaly

66.4230, 8.6655, 20.6770

Deuteranomaly

66.8450, -1.4026, 29.9539

Tritanomaly

60.3440, -8.0576, 64.5963

Monochromacy



Original Color

58.5690, 4.1565, 67.0300

Achromatopsia

59.0000, 0.0000, 0.0000

Achromatomaly

58.9090, 1.5239, 24.6358

CSS Examples

Text

The CSS property to change the color of the text to YUV 58.5690, 4.1565, 67.0300 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(135, 18, 67)` looks like.

```
.text, #text, p{  
    color:rgb(135, 18, 67)  
}
```

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(135, 18, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 18, 67) }
```

Border

The CSS property to change the border of an element to YUV 58.5690, 4.1565, 67.0300 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(135, 18, 67) }
```


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

```
.border{ border-color:rgb(135, 18, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 18, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 18, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 18, 67);  
box-shadow:4px 4px 4px 4px rgb(135, 18,  
67) }
```

Background

The CSS property to change the background color of an element to YUV 58.5690, 4.1565, 67.0300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 18, 67) }
```

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

```
.background{ background-color: rgb(135, 18,  
67) }
```

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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