

Converting Colors

YUV(65.8700, 7.4591, 34.3170)

Have a look what the booklet for
YUV(65.8700, 7.4591, 34.3170)
contains.

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Color

**YUV(65.8700, 7.4591,
34.3170)**

Conversions

Conversions Part 1

Format	Color
Hex	692B51
RGB	105, 43, 81
RGB Percent	41%, 17%, 32%
CMY	0.5882, 0.8314, 0.6824
CMYK	0.00, 0.59, 0.23, 0.59
HSL	323°, 42%, 29%
HSV	323°, 59%, 41%
XYZ	8.1748, 5.3251, 8.3816
YIQ	65.8700, 24.7540, 24.9620

Conversions

Conversions Part 2

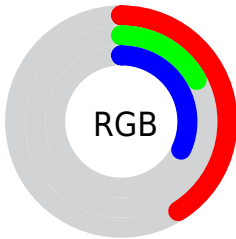
Format	Color
RYB	105, 43, 81
Decimal	6892369
CIELab	27.64, 32.60, -9.83
CIELCh	28, 34.048, 343.212
Yxy	5.3251, 0.3736, 0.2434
Android (android.graphics.Color)	4285082449 (0xFF692B51)
YUV	65.8700, 7.4591, 34.3170
Hunter-Lab	23.0762, 22.8507, -5.3816

Details

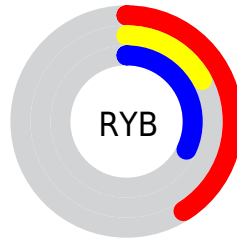
The YUV color **65.8700, 7.4591, 34.3170** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **82.1300, -7.4591, -34.3170**, and the grayscale version is **66.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.0660, 6.8695, 36.7761**, and **20.5490, 7.6173, 30.2135** is the 20% darker color. If you saturate the color by 10%, you get **59.5440, 8.6058, 39.8649**, and if you desaturate by 10%, it is **72.7830, 6.0230, 28.2543**.

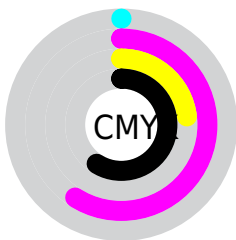
Distribution



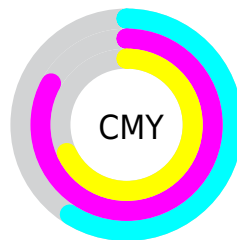
- Red (41%)
- Green (17%)
- Blue (32%)



- Red (41%)
- Yellow (17%)
- Blue (32%)



- Cyan (0%)
- Magenta (59%)
- Yellow (23%)
- Black (59%)



- Cyan (59%)
- Magenta (83%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 65.8700, 7.4591, 34.3170 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 65.8700, 7.4591, 34.3170 by changing the saturation by 10% instead.

65.8700, 7.4591,
34.3170

65.8700, 7.4591,
34.3170

255.0000, 0.0000,
0.0000

41.0980, 8.3327,
34.1171

116.0660, 6.8695,
36.7761

20.5490, 7.6173,
30.2135

142.0770, 6.8640,
38.5205

11.7620, 1.1033,
19.5027

168.7890, 7.0060,
39.6500

0.0000, 0.0000,
0.0000

196.5010, 7.1480,
40.7796

219.7170, 9.5065,
30.9432

237.9770, 8.3923,

14.9292

■ 65.8700, 7.4591,
34.3170

■ 65.8700, 7.4591,
34.3170

■ 59.5440, 8.6058,
39.8649

■ 72.7830, 6.0230,
28.2543

■ 52.6310, 10.0419,
45.9276

■ 79.1090, 4.8763,
22.7064

■ 46.3050, 11.1886,
51.4755

■ 86.0220, 3.4402,
16.6437

■ 39.3920, 12.6247,
57.5382

■ 92.3480, 2.2934,
11.0958

■ 38.6910, 12.4773,
58.1530

■ 99.2610, 0.8573,
5.0331

■ 105.5870, -0.2894,
-0.5148

■ 112.5000, -1.7255,
-6.5775

■ 118.9400, -2.4354,
-12.2254

■ 125.8530, -3.8715,
-18.2881

Harmonies

Analogous

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



67.1860, 18.1493, 12.1149



65.8700, 7.4591, 34.3170



64.1240, -4.4981, 42.8643

Triad

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



65.8700, 7.4591, 34.3170



61.1600, -26.2079, 5.9987



56.0120, 21.6861, -49.1225

Complementary

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



65.8700, 7.4591, 34.3170



82.1300, -7.4591, -34.3170

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.



54.4500, 10.6242, -47.7526



65.8700, 7.4591, 34.3170



57.6500, -16.0965, -17.2330

Square

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



65.8700, 7.4591, 34.3170



63.2100, -25.2465, 24.3718



50.7850, -0.8800, -44.5384



55.3740, 29.3956, -48.5630

Rectangle

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



65.8700, 7.4591, 34.3170



63.6370, -12.6390, 40.6604



50.7850, -0.8800, -44.5384



55.8010, 18.3391, -48.9375

Sweetspot

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



65.8700, 7.4591, 34.3170



122.1850, 2.8668, 13.8698



57.2440, 23.5437, 8.5560



59.5110, 1.7201, 8.3219



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.



65.8700, 7.4591, 34.3170



76.1420, 11.7620, 54.2495



62.3360, -6.0816, 37.4163



50.1360, 0.4260, 3.3887



43.1910, 14.2028, 64.7305



90.3550, 29.4050, 135.6237

Inverse Universe

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



65.8700, 7.4591, 34.3170



76.1420, 11.7620, 54.2495



85.6640, 6.0816, -37.4163



50.1360, 0.4260, 3.3887



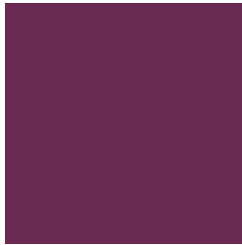
43.1910, 14.2028, 64.7305



90.3550, 29.4050, 135.6237

Previews

White Background



This preview shows how the YUV color 65.8700, 7.4591, 34.3170 looks on a white background.

Color Contrast Check

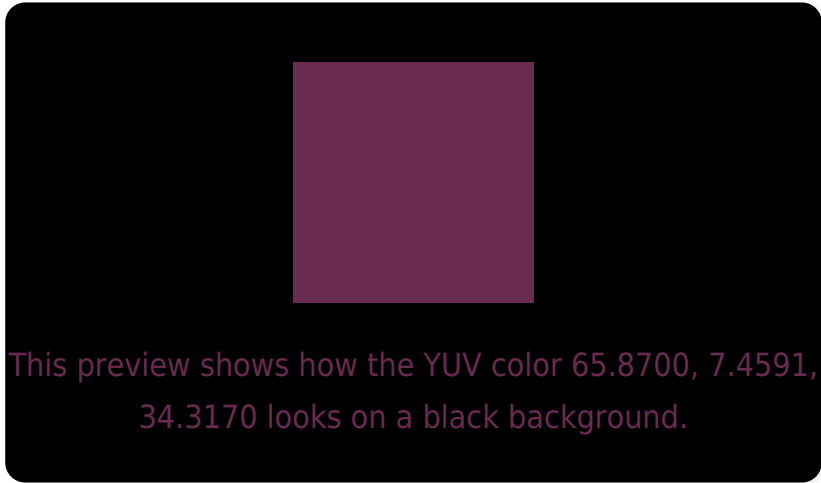
Large Text (above 18pt) WCAG AA ✓ Pass

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

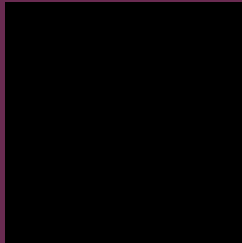
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 65.8700, 7.4591, 34.3170

Background



This preview shows how black text looks on a background with the YUV color 65.8700, 7.4591, 34.3170.



This preview shows how white text looks on a background with the YUV color 65.8700, 7.4591,

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

65.8700, 7.4591, 34.3170

Protanopia

65.6580, 15.4516, -9.3471

Deuteranopia

67.0800, 5.3836, -0.0702



Tritanopia

65.8900, -6.3548, 31.6685

Trichromacy



Original Color

65.8700, 7.4591, 34.3170

Protanomaly

65.6600, 12.4926, 6.4372

Deuteranomaly

66.6840, 6.0718, 12.5551

Tritanomaly

65.5680, -1.2660, 32.8279

Monochromacy



Original Color

65.8700, 7.4591, 34.3170

Achromatopsia

66.0000, 0.0000, 0.0000

Achromatomaly

66.0600, 2.4354, 12.2254

CSS Examples

Text

The CSS property to change the color of the text to YUV 65.8700, 7.4591, 34.3170 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(105, 43, 81)` looks like.

```
.text, #text, p{  
    color:rgb(105, 43, 81)  
}
```

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(105, 43, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 43, 81) }
```

Border

The CSS property to change the border of an element to YUV 65.8700, 7.4591, 34.3170 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(105, 43, 81) }
```


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

```
.border{ border-color:rgb(105, 43, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 43, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 43, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 43, 81);  
box-shadow:4px 4px 4px 4px rgb(105, 43,  
81) }
```

Background

The CSS property to change the background color of an element to YUV 65.8700, 7.4591, 34.3170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 43, 81) }
```

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

```
.background{ background-color: rgb(105, 43,  
81) }
```

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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