

Converting Colors

YUV(85.6050, 2.6597, 33.6724)

Have a look what the booklet for
YUV(85.6050, 2.6597, 33.6724)
contains.

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Color

**YUV(85.6050, 2.6597,
33.6724)**

Conversions

Conversions Part 1

Format	Color
Hex	7C415B
RGB	124, 65, 91
RGB Percent	49%, 25%, 36%
CMY	0.5137, 0.7451, 0.6431
CMYK	0.00, 0.48, 0.27, 0.51
HSL	334°, 31%, 37%
HSV	334°, 48%, 49%
XYZ	12.0908, 8.8210, 10.9629
YIQ	85.6050, 26.8180, 20.5940

Conversions

Conversions Part 2

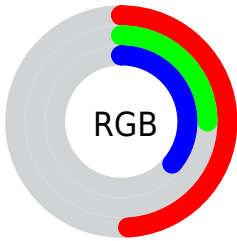
Format	Color
R_{YB}	124, 65, 91
Decimal	8143195
CIE Lab	35.64, 28.89, -4.01
CIE LCh	36, 29.166, 352.091
Yxy	8.8210, 0.3793, 0.2767
Android (android.graphics.Color)	4286333275 (0xFF7C415B)
YUV	85.6050, 2.6597, 33.6724
Hunter-Lab	29.7002, 20.6912, -1.0949

Details

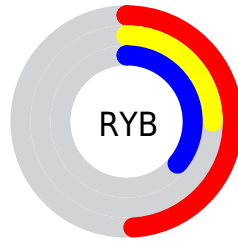
The YUV color **85.6050, 2.6597, 33.6724** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **103.3950, -2.6597, -33.6724**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.8010, 2.0701, 36.1315**, and **37.5230, 3.6862, 31.1133** is the 20% darker color. If you saturate the color by 10%, you get **77.7630, 3.0748, 40.5498**, and if you desaturate by 10%, it is **93.4470, 2.2446, 26.7950**.

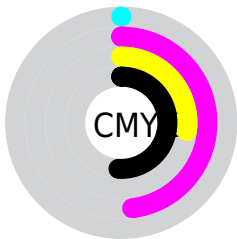
Distribution



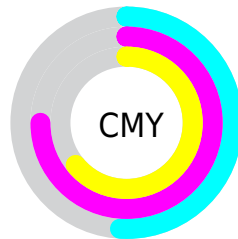
- Red (49%)
- Green (25%)
- Blue (36%)



- Red (49%)
- Yellow (25%)
- Blue (36%)



- Cyan (0%)
- Magenta (48%)
- Yellow (27%)
- Black (51%)



- Cyan (51%)
- Magenta (75%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.6050, 2.6597, 33.6724 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 85.6050, 2.6597, 33.6724 by changing the saturation by 10% instead.

85.6050, 2.6597,
33.6724

85.6050, 2.6597,
33.6724

255.0000, 0.0000,
0.0000

61.1210, 3.3913,
32.3429

136.8010, 2.0701,
36.1315

37.5230, 3.6862,
31.1133

162.8120, 2.0647,
37.8759

17.5010, 3.6970,
27.6246

190.5240, 2.2067,
39.0055

6.5780, -3.2430,
13.5251

216.1320, 3.3859,
34.0872

0.0000, 0.0000,
0.0000

235.7600, 7.5133,
16.8735

253.2390, 0.8682,

1.5444

■ 85.6050, 2.6597,
33.6724

■ 85.6050, 2.6597,
33.6724

■ 77.7630, 3.0748,
40.5498

■ 93.4470, 2.2446,
26.7950

■ 69.3340, 3.7793,
47.9421

■ 101.8760, 1.5401,
19.4027

■ 61.4920, 4.1944,
54.8195

■ 109.7180, 1.1250,
12.5253

■ 53.0630, 4.8989,
62.2117

■ 118.1470, 0.4205,
5.1331

■ 45.2210, 5.3140,
69.0892

■ 125.9890, 0.0054,
-1.7444

■ 43.3460, 5.7454,
70.7336

■ 133.8310, -0.4097,
-8.6218

■ 142.2600, -1.1142,
-16.0140

■ 149.9880, -1.9661,
-22.7915

■ 158.4170, -2.6706,
-30.1837

Harmonies

Analogous

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



86.5520, 13.0389, 17.9329



85.6050, 2.6597, 33.6724



84.1790, -7.9762, 38.4310

Triad

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



85.6050, 2.6597, 33.6724



80.3210, -20.3713, 0.5955



68.2710, 25.5024, -59.8737

Complementary

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



85.6050, 2.6597, 33.6724



103.3950, -2.6597, -33.6724

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.



67.8660, 16.3351, -59.5185



85.6050, 2.6597, 33.6724



76.5940, -11.1388, -20.6919

Square

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



85.6050, 2.6597, 33.6724



81.9750, -22.1727, 18.4389



66.3370, 5.2569, -52.9155



74.2500, 27.4847, -42.3152

Rectangle

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



85.6050, 2.6597, 33.6724



83.7350, -14.6594, 35.3124



66.3370, 5.2569, -52.9155



68.1740, 22.5922, -59.7886

Sweetspot

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



85.6050, 2.6597, 33.6724



146.0170, 0.9776, 13.1401



81.2940, 21.0541, 13.7742



72.8700, 0.5571, 8.0070



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



85.6050, 2.6597, 33.6724



101.0680, 3.9105, 52.5604



84.4020, -9.5652, 34.7274



57.1360, 0.4260, 3.3887



43.6450, 5.5980, 71.3483



88.0020, 11.3380, 143.8262

Inverse Universe

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



85.6050, 2.6597, 33.6724



101.0680, 3.9105, 52.5604



104.5980, 9.5652, -34.7274



57.1360, 0.4260, 3.3887



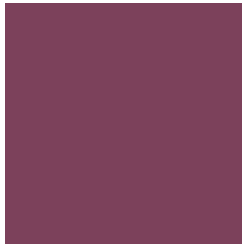
43.6450, 5.5980, 71.3483



88.0020, 11.3380, 143.8262

Previews

White Background



This preview shows how the YUV color 85.6050, 2.6597, 33.6724 looks on a white background.

Color Contrast Check

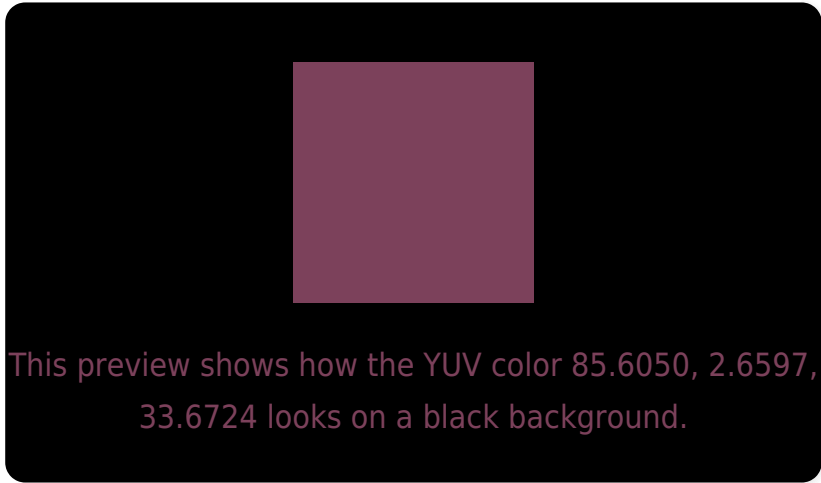
Large Text (above 18pt) WCAG AA ✓ Pass

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

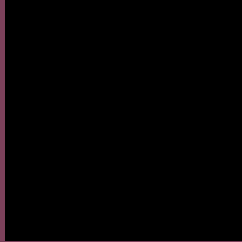
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 85.6050, 2.6597, 33.6724

Background



This preview shows how black text looks on a background with the YUV color 85.6050, 2.6597, 33.6724.



This preview shows how white text looks on a background with the YUV color 85.6050, 2.6597,

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

85.6050, 2.6597, 33.6724

Protanopia

84.9700, 8.8888, -4.3587

Deuteranopia

85.3750, 1.2941, 4.9331



Tritanopia

84.7160, -5.7760, 32.6981

Trichromacy



Original Color

85.6050, 2.6597, 33.6724

Protanomaly

85.1890, 6.8088, 9.4812

Deuteranomaly

85.5550, 1.6984, 15.2993

Tritanomaly

85.2260, -2.5764, 33.1278

Monochromacy



Original Color

85.6050, 2.6597, 33.6724

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

85.7180, 1.1250, 12.5253

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.6050, 2.6597, 33.6724 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(124, 65, 91)` looks like.

```
.text, #text, p{  
    color:rgb(124, 65, 91)  
}
```

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(124, 65, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 65, 91) }
```

Border

The CSS property to change the border of an element to YUV 85.6050, 2.6597, 33.6724 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(124, 65, 91) }
```


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

```
.border{ border-color:rgb(124, 65, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 65, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 65, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 65, 91);  
box-shadow:4px 4px 4px 4px rgb(124, 65,  
91) }
```

Background

The CSS property to change the background color of an element to YUV 85.6050, 2.6597, 33.6724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 65, 91) }
```

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

```
.background{ background-color: rgb(124, 65,  
91) }
```

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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