

Converting Colors

YUV(86.8150, 57.7722, -3.3458)

Have a look what the booklet for
YUV(86.8150, 57.7722, -3.3458)
contains.

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Color

**YUV(86.8150, 57.7722,
-3.3458)**

Conversions

Conversions Part 1

Format	Color
Hex	5342CC
RGB	83, 66, 204
RGB Percent	33%, 26%, 80%
CMY	0.6745, 0.7412, 0.2000
CMYK	0.59, 0.68, 0.00, 0.20
HSL	247°, 58%, 53%
HSV	247°, 68%, 80%
XYZ	16.4146, 10.0951, 58.2101
YIQ	86.8150, -34.1660, 46.5220

Conversions

Conversions Part 2

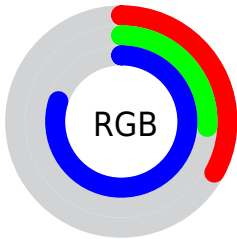
Format	Color
R_{YB}	83, 66, 204
Decimal	5456588
CIE _{Lab}	38.01, 45.63, -69.20
CIE _{LCh}	38, 82.886, 303.401
Yxy	10.0951, 0.1938, 0.1192
Android (android.graphics.Color)	4283646668 (0xFF5342CC)
YUV	86.8150, 57.7722, -3.3458
Hunter-Lab	31.7727, 36.6152, -86.3830

Details

The YUV color **86.8150, 57.7722, -3.3458** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted blue. A complement of this color would be **183.1850, -57.7722, 3.3458**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.2180, 56.5875, 3.3168**, and **28.1390, 59.5845, -24.6779** is the 20% darker color. If you saturate the color by 10%, you get **69.6930, 66.2134, -4.1158**, and if you desaturate by 10%, it is **103.9370, 49.3311, -2.5757**.

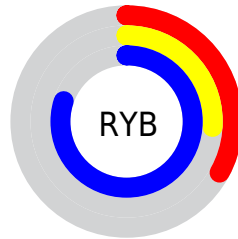
Distribution



Red (33%)

Green (26%)

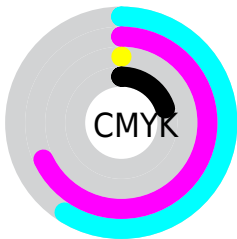
Blue (80%)



Red (33%)

Yellow (26%)

Blue (80%)

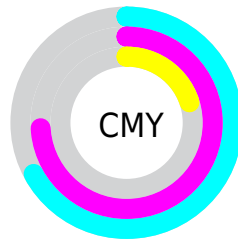


Cyan (59%)

Magenta (68%)

Yellow (0%)

Black (20%)



Cyan (67%)

Magenta (74%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.8150, 57.7722, -3.3458 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 86.8150, 57.7722, -3.3458 by changing the saturation by 10% instead.

■ 86.8150, 57.7722,
-3.3458

■ 86.8150, 57.7722,
-3.3458

255.0000, 0.0000,
0.0000

■ 59.6570, 57.3571,
-10.2232

■ 140.2180, 56.5875,
3.3168

■ 28.1390, 59.5845,
-24.6779

■ 164.4500, 44.6412,
8.3754

■ 13.9080, 53.2894,
-12.1973

■ 188.3830, 32.8422,
12.8191

■ 10.9440, 41.9326,
-9.5979

■ 214.0880, 20.1696,
17.4628

■ 12.7900, 28.6975,
-11.2168

■ 236.8030, 8.9711,
15.9588

■ 7.8200, 19.8087,
-6.8581

253.8260, 0.5788,

■ 3.5510, 11.0674,

1.0296

-3.1142

■ 0.0000, 0.0000,
0.0000

■ 86.8150, 57.7722,
-3.3458

■ 86.8150, 57.7722,
-3.3458

■ 69.6930, 66.2134,
-4.1158

■ 103.9370, 49.3311,
-2.5757

■ 51.9840, 74.9439,
-4.3710

■ 121.6460, 40.6005,
-2.3205

■ 34.8620, 83.3850,
-5.1410

■ 138.7680, 32.1594,
-1.5505

■ 30.7310, 85.4216,
-5.0261

■ 156.4770, 23.4288,
-1.2953

■ 173.3000, 15.1351,
-1.1401

■ 190.4220, 6.6940,
-0.3701

■ 208.1310, -2.0366,
-0.1149

■ 225.2530,
-10.4777, 0.6551

■ 242.9620,
-19.2083, 0.9103

Harmonies

Analogous

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



83.4040, 70.7928, -73.1453



86.8150, 57.7722, -3.3458



68.3430, 40.7499, 90.0302

Triad

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



86.8150, 57.7722, -3.3458



81.5650, -40.2115, 64.4025



77.8620, 8.9420, -68.2850

Complementary

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



86.8150, 57.7722, -3.3458



183.1850, -57.7722, 3.3458

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.



67.9100, -24.1126, -59.5571



86.8150, 57.7722, -3.3458



83.6270, -41.2281, 16.9901

Square

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



86.8150, 57.7722, -3.3458



58.9760, -19.7082, 114.9080



67.3160, -33.1868, -42.3731



86.0870, 37.9181, -75.4983

Rectangle

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



86.8150, 57.7722, -3.3458



70.5030, 17.9930, 109.1839



67.3160, -33.1868, -42.3731



75.1260, -1.5411, -65.8855

Sweetspot

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



86.8150, 57.7722, -3.3458



211.6080, 21.3923, -1.4102



153.3460, 24.9724, -76.6024



101.7300, 12.9511, -0.6402



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



86.8150, 57.7722, -3.3458



79.3720, 86.5846, -4.7112



107.1470, 47.7485, 38.4591



93.4390, 4.2206, -0.3850



24.9040, 69.5603, -4.3008



5.8270, 15.8613, -0.7253

Inverse Universe

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



121.0560, 32.5104, 72.7419



130.6410, 48.9840, 109.0628



162.8530, -47.7485, -38.4591



96.0160, 2.4571, 5.2480



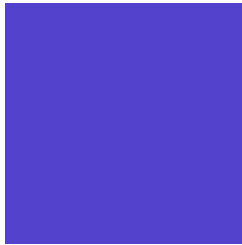
66.1640, 38.8661, 87.5562



15.2380, 9.2497, 19.9623

Previews

White Background



This preview shows how the YUV color 86.8150, 57.7722, -3.3458 looks on a white background.

Color Contrast Check

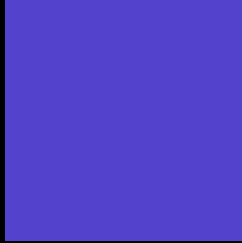
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 86.8150, 57.7722, -3.3458 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

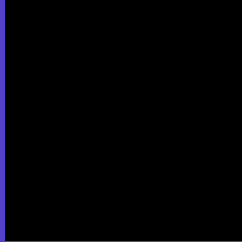
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 86.8150, 57.7722, -3.3458

Background



This preview shows how black text looks on a background with the YUV color 86.8150, 57.7722, -3.3458.



This preview shows how white text looks on a background with the YUV color 86.8150, 57.7722, -3.3458.

-3.3458.

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

86.8150, 57.7722, -3.3458

Protanopia

71.2300, 54.6096, -62.4687

Deuteranopia

71.7880, 41.5165, -62.9581



Tritanopia

80.5700, 12.0440, -36.4569

Trichromacy



Original Color

86.8150, 57.7722, -3.3458

Protanomaly

77.0030, 55.7075, -41.2216

Deuteranomaly

77.4130, 47.1244, -41.5812

Tritanomaly

83.0010, 28.5935, -24.5569

Monochromacy



Original Color

86.8150, 57.7722, -3.3458

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

86.9070, 21.2448, -0.7954

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.8150, 57.7722, -3.3458 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(83, 66, 204)` looks like.

```
.text, #text, p{  
    color:rgb(83, 66, 204)  
}
```

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(83, 66, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 66, 204) }
```

Border

The CSS property to change the border of an element to YUV 86.8150, 57.7722, -3.3458 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(83, 66, 204) }
```


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

```
.border{ border-color:rgb(83, 66, 204) }
```

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

Here you see how a box with a 4 pixel rgb(83, 66, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 66, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 66, 204);  
box-shadow:4px 4px 4px 4px rgb(83, 66,  
204) }
```

Background

The CSS property to change the background color of an element to YUV 86.8150, 57.7722, -3.3458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 66, 204) }
```

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

```
.background{ background-color: rgb(83, 66,  
204) }
```

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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