

Converting Colors

YUV(86.5500, 6.1379, 38.1057)

Have a look what the booklet for
YUV(86.5500, 6.1379, 38.1057)
contains.

YUV(86.5500, 6.1379, 38.1057)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(86.5500, 6.1379,
38.1057)**

Conversions

Conversions Part 1

Format	Color
Hex	823E63
RGB	130, 62, 99
RGB Percent	51%, 24%, 39%
CMY	0.4902, 0.7569, 0.6118
CMYK	0.00, 0.52, 0.24, 0.49
HSL	327°, 35%, 38%
HSV	327°, 52%, 51%
XYZ	13.1807, 9.0919, 12.8646
YIQ	86.5500, 28.6510, 25.9230

Conversions

Conversions Part 2

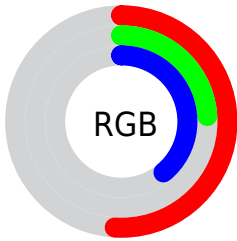
Format	Color
R_{YB}	130, 62, 99
Decimal	8535651
CIE Lab	36.16, 33.97, -8.21
CIE LCh	36, 34.950, 346.419
Yxy	9.0919, 0.3751, 0.2588
Android (android.graphics.Color)	4286725731 (0xFF823E63)
YUV	86.5500, 6.1379, 38.1057
Hunter-Lab	30.1528, 25.2601, -4.1889

Details

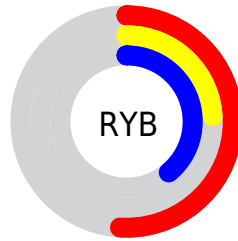
The YUV color **86.5500, 6.1379, 38.1057** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **105.4500, -6.1379, -38.1057**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.1590, 5.8376, 41.0796**, and **36.2940, 7.7431, 36.5762** is the 20% darker color. If you saturate the color by 10%, you get **78.2350, 7.2791, 45.3979**, and if you desaturate by 10%, it is **94.8650, 4.9966, 30.8134**.

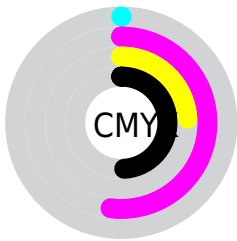
Distribution



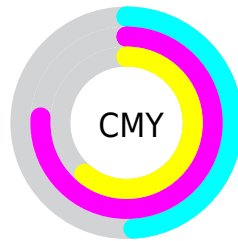
- Red (51%)
- Green (24%)
- Blue (39%)



- Red (51%)
- Yellow (24%)
- Blue (39%)



- Cyan (0%)
- Magenta (52%)
- Yellow (24%)
- Black (49%)



- Cyan (49%)
- Magenta (76%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.5500, 6.1379, 38.1057 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 86.5500, 6.1379, 38.1057 by changing the saturation by 10% instead.

86.5500, 6.1379,
38.1057

86.5500, 6.1379,
38.1057

255.0000, 0.0000,
0.0000

61.9520, 6.4327,
36.8761

138.1590, 5.8376,
41.0796

36.2940, 7.7431,
36.5762

164.7570, 5.5428,
42.3091

19.3810, 5.7282,
29.4839

192.4690, 5.6848,
43.4387

9.5400, -2.2382,
17.9434

215.9840, 7.8959,
34.2170

0.0000, 0.0000,
0.0000

235.0420, 9.8393,
17.5032

252.0650, 1.4470,

2.5740

■ 86.5500, 6.1379,
38.1057

■ 86.5500, 6.1379,
38.1057

■ 78.2350, 7.2791,
45.3979

■ 94.8650, 4.9966,
30.8134

■ 69.9200, 8.4204,
52.6902

■ 103.1800, 3.8553,
23.5211

■ 61.6050, 9.5617,
59.9824

■ 111.4950, 2.7140,
16.2289

■ 53.2900, 10.7030,
67.2747

■ 119.8100, 1.5727,
8.9366

■ 46.9640, 11.8497,
72.8226

■ 128.1250, 0.4314,
1.6444

■ 136.4400, -0.7099,
-5.6479

■ 144.6410, -2.2880,
-12.8402

■ 152.9560, -3.4293,
-20.1324

■ 161.2710, -4.5706,
-27.4247

Harmonies

Analogous

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



87.5070, 17.9910, 16.2184



86.5500, 6.1379, 38.1057



84.8640, -6.8350, 45.7233

Triad

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



86.5500, 6.1379, 38.1057



80.5620, -25.9131, 4.7691



71.1890, 26.5288, -62.4328

Complementary

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



86.5500, 6.1379, 38.1057



105.4500, -6.1379, -38.1057

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.



69.5130, 15.0301, -60.9629



86.5500, 6.1379, 38.1057



77.0410, -15.7962, -20.2070

Square

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



86.5500, 6.1379, 38.1057



82.8680, -26.5569, 24.6718



65.6200, 2.6523, -57.5487



69.8500, 34.0909, -61.2584

Rectangle

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



86.5500, 6.1379, 38.1057



84.2630, -15.4127, 43.6193



65.6200, 2.6523, -57.5487



70.9780, 23.1818, -62.2477

Sweetspot

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



86.5500, 6.1379, 38.1057



150.7830, 2.5720, 15.0993



79.0210, 25.1326, 12.2596



73.8100, 1.5727, 8.9366



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



86.5500, 6.1379, 38.1057



100.3060, 9.7091, 59.3676



82.6740, -8.7133, 41.5049



59.5490, 0.7153, 3.9035



46.1380, 11.2710, 71.7930



0.0000, 0.0000, 0.0000

Inverse Universe

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



86.5500, 6.1379, 38.1057



100.3060, 9.7091, 59.3676



109.3260, 8.7133, -41.5049



59.5490, 0.7153, 3.9035



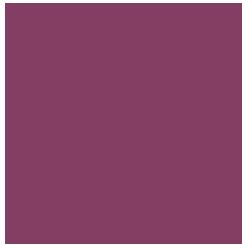
46.1380, 11.2710, 71.7930



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 86.5500, 6.1379, 38.1057 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



This preview shows how the YUV color 86.5500, 6.1379, 38.1057 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

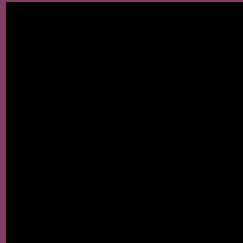
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 86.5500, 6.1379, 38.1057

Background



This preview shows how black text looks on a background with the YUV color 86.5500, 6.1379, 38.1057.



This preview shows how white text looks on a background with the YUV color 86.5500, 6.1379,

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

86.5500, 6.1379, 38.1057

Protanopia

86.0280, 14.2832, -7.9176

Deuteranopia

86.1620, 4.3571, 2.4889



Tritanopia

86.0970, -6.9498, 35.8719

Trichromacy



Original Color

86.5500, 6.1379, 38.1057

Protanomaly

86.3290, 11.1768, 8.4815

Deuteranomaly

86.0650, 4.8980, 15.7290

Tritanomaly

86.3620, -2.1505, 36.5165

Monochromacy



Original Color

86.5500, 6.1379, 38.1057

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

86.9570, 1.9932, 14.0697

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.5500, 6.1379, 38.1057 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(130, 62, 99)` looks like.

```
.text, #text, p{  
    color:rgb(130, 62, 99)  
}
```

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(130, 62, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 62, 99) }
```

Border

The CSS property to change the border of an element to YUV 86.5500, 6.1379, 38.1057 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(130, 62, 99) }
```


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

```
.border{ border-color:rgb(130, 62, 99) }
```

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

Here you see how a box with a 4 pixel rgb(130, 62, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 62, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 62, 99);  
box-shadow:4px 4px 4px 4px rgb(130, 62,  
99) }
```

Background

The CSS property to change the background color of an element to YUV 86.5500, 6.1379, 38.1057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 62, 99) }
```

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

```
.background{ background-color: rgb(130, 62,  
99) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor