

Converting Colors

YUV(86.8510, 9.4405, 5.3927)

Have a look what the booklet for
YUV(86.8510, 9.4405, 5.3927)
contains.

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Color

**YUV(86.8510, 9.4405,
5.3927)**

Conversions

Conversions Part 1

Format	Color
Hex	5D506A
RGB	93, 80, 106
RGB Percent	36%, 31%, 42%
CMY	0.6353, 0.6863, 0.5843
CMYK	0.12, 0.25, 0.00, 0.58
HSL	270°, 14%, 36%
HSV	270°, 25%, 42%
XYZ	9.9844, 9.1051, 14.8669
YIQ	86.8510, -0.5980, 10.8420

Conversions

Conversions Part 2

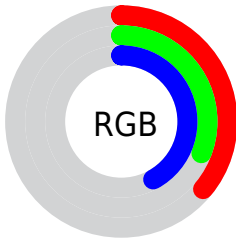
Format	Color
R_{YB}	93, 80, 106
Decimal	6115434
CIE _{Lab}	36.19, 10.98, -13.01
CIE _{LCh}	36, 17.026, 310.162
Yxy	9.1051, 0.2940, 0.2681
Android (android.graphics.Color)	4284305514 (0xFF5D506A)
YUV	86.8510, 9.4405, 5.3927
Hunter-Lab	30.1746, 6.2576, -8.0896

Details

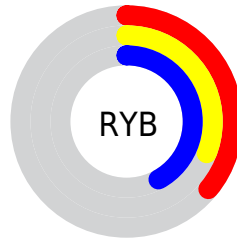
The YUV color **86.8510, 9.4405, 5.3927** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **99.1490, -9.4405, -5.3927**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.6770, 10.0192, 6.4223**, and **41.3240, 8.7143, 4.9779** is the 20% darker color. If you saturate the color by 10%, you get **78.8990, 13.3608, 7.9816**, and if you desaturate by 10%, it is **94.8030, 5.5201, 2.8038**.

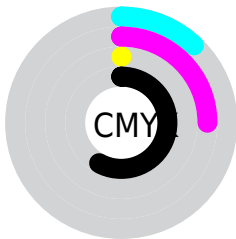
Distribution



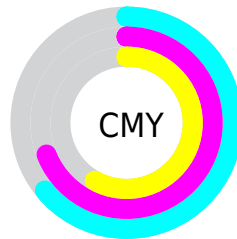
- Red (36%)
- Green (31%)
- Blue (42%)



- Red (36%)
- Yellow (31%)
- Blue (42%)



- Cyan (12%)
- Magenta (25%)
- Yellow (0%)
- Black (58%)



- Cyan (64%)
- Magenta (69%)
- Yellow (58%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.8510, 9.4405, 5.3927 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 86.8510, 9.4405, 5.3927 by changing the saturation by 10% instead.

■ 86.8510, 9.4405,
5.3927

■ 86.8510, 9.4405,
5.3927

■ 255.0000, 0.0000,
0.0000

■ 63.4380, 9.1511,
4.8779

■ 136.6770, 10.0192,
6.4223

■ 41.3240, 8.7143,
4.9779

■ 162.7910, 10.4560,
6.3223

■ 20.7970, 7.9881,
4.5630

■ 189.9050, 10.8928,
6.2223

■ 2.2970, 6.2626,
-2.0145

■ 217.9050, 10.8928,
6.2223

■ 0.0000, 0.0000,
0.0000

■ 244.7220, 5.0671,
8.1368

■ 86.8510, 9.4405,
5.3927

■ 86.8510, 9.4405,
5.3927

■ 78.8990, 13.3608,
7.9816

■ 94.8030, 5.5201,
2.8038

■ 71.2350, 17.1391,
9.4409

■ 102.4670, 1.7418,
1.3444

■ 63.2830, 21.0595,
12.0298

■ 110.4190, -2.1786,
-1.2445

■ 55.9180, 24.6904,
14.1039

■ 117.7840, -5.8095,
-3.3186

■ 47.6670, 28.7582,
16.0780

■ 126.0350, -9.8773,
-5.2927

■ 39.7150, 32.6785,
18.6669

■ 133.9870,
-13.7976, -7.8816

■ 32.3500, 36.3095,
20.7411


■ 141.3520,
-17.4285, -9.9557

■ 27.9310, 38.4880,

■ 149.3040,

21.9855

-21.3489, -12.5446

 156.9680,
-25.1272, -14.0039

Harmonies

Analogous

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



84.7890, 13.4150, -9.4620



86.8510, 9.4405, 5.3927



87.1360, 3.8770, 16.5437

Triad

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



86.8510, 9.4405, 5.3927



85.1840, -12.4157, 15.6246



78.4910, 5.1809, -28.4946

Complementary

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



86.8510, 9.4405, 5.3927



99.1490, -9.4405, -5.3927

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.



80.1950, -2.5611, -18.5880



86.8510, 9.4405, 5.3927



84.0040, -12.8200, 5.2585

Square

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



86.8510, 9.4405, 5.3927



86.1400, -8.9430, 21.8022



82.5510, -9.1456, -6.6222



78.7880, 11.4435, -30.5091

Rectangle

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



86.8510, 9.4405, 5.3927



87.0180, -0.5019, 21.0322



82.5510, -9.1456, -6.6222



79.2310, 2.8441, -25.6356

Sweetspot

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



86.8510, 9.4405, 5.3927



130.6350, 3.6309, 2.0741



90.5950, 7.5947, -9.2918



64.5810, 2.1786, 1.2445



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.



86.8510, 9.4405, 5.3927



108.5400, 14.5238, 8.2964



90.7380, 7.5242, 13.3848



49.5810, 2.1786, 1.2445



30.9790, 42.4084, 24.5744



64.4080, 89.0319, 50.5082

Inverse Universe

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



89.2560, 1.8458, 14.6845



112.2400, 2.8397, 22.5915



95.2620, -7.5242, -13.3848



50.1360, 0.4260, 3.3887



41.7090, 8.5245, 66.0302



87.1630, 17.1746, 138.4230

Previews

White Background



This preview shows how the YUV color 86.8510, 9.4405, 5.3927 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 86.8510, 9.4405, 5.3927 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 86.8510, 9.4405, 5.3927

Background



This preview shows how black text looks on a background with the YUV color 86.8510, 9.4405, 5.3927.



This preview shows how white text looks on a background with the YUV color 86.8510, 9.4405,

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

86.8510, 9.4405, 5.3927

Protanopia

85.3550, 11.6570, -5.5733

Deuteranopia

85.5080, 9.6096, -2.1995



Tritanopia

85.8910, 2.0257, 3.6036

Trichromacy



Original Color

86.8510, 9.4405, 5.3927

Protanomaly

86.1490, 10.7725, -1.8847

Deuteranomaly

86.1170, 9.3093, 0.7744

Tritanomaly

86.2870, 4.7885, 4.1333

Monochromacy



Original Color

86.8510, 9.4405, 5.3927

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

86.6350, 3.6309, 2.0741

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.8510, 9.4405, 5.3927 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(93, 80, 106)` looks like.

```
.text, #text, p{  
    color:rgb(93, 80, 106)  
}
```

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(93, 80, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 80, 106) }
```

Border

The CSS property to change the border of an element to YUV 86.8510, 9.4405, 5.3927 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(93, 80, 106) }
```


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

```
.border{ border-color:rgb(93, 80, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 80, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 80, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 80, 106);  
box-shadow:4px 4px 4px 4px rgb(93, 80,  
106) }
```

Background

The CSS property to change the background color of an element to YUV 86.8510, 9.4405, 5.3927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 80, 106) }
```

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

```
.background{ background-color: rgb(93, 80,  
106) }
```

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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