

Converting Colors

YUV(86.8020, 10.4506, 8.0666)

Have a look what the booklet for
YUV(86.8020, 10.4506, 8.0666)
contains.

YUV(86.8020, 10.4506, 8.0666)	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(86.8020, 10.4506,
8.0666)**

Conversions

Conversions Part 1

Format	Color
Hex	604E6C
RGB	96, 78, 108
RGB Percent	38%, 31%, 42%
CMY	0.6235, 0.6941, 0.5765
CMYK	0.11, 0.28, 0.00, 0.58
HSL	276°, 16%, 36%
HSV	276°, 28%, 42%
XYZ	10.2550, 9.0183, 15.3876
YIQ	86.8020, 1.0980, 13.1460

Conversions

Conversions Part 2

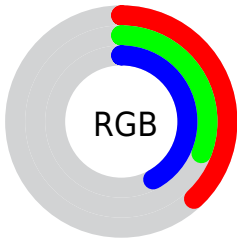
Format	Color
R_{YB}	96, 78, 108
Decimal	6311532
CIE _{Lab}	36.02, 13.81, -14.49
CIE _{LCh}	36, 20.015, 313.631
Yxy	9.0183, 0.2959, 0.2602
Android (android.graphics.Color)	4284501612 (0xFF604E6C)
YUV	86.8020, 10.4506, 8.0666
Hunter-Lab	30.0305, 8.4023, -9.3588

Details

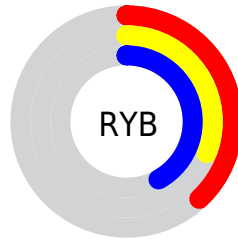
The YUV color **86.8020, 10.4506, 8.0666** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **99.1980, -10.4506, -8.0666**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.7420, 11.4662, 8.9963**, and **40.8620, 9.4350, 7.1370** is the 20% darker color. If you saturate the color by 10%, you get **79.1490, 14.2235, 11.2703**, and if you desaturate by 10%, it is **94.4550, 6.6777, 4.8630**.

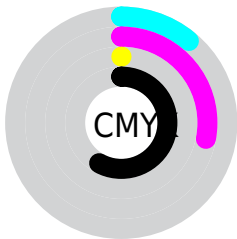
Distribution



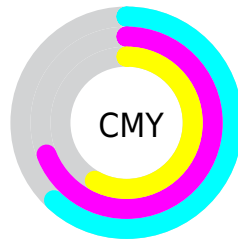
- Red (38%)
- Green (31%)
- Blue (42%)



- Red (38%)
- Yellow (31%)
- Blue (42%)



- Cyan (11%)
- Magenta (28%)
- Yellow (0%)
- Black (58%)



- Cyan (62%)
- Magenta (69%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.8020, 10.4506, 8.0666 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 86.8020, 10.4506, 8.0666 by changing the saturation by 10% instead.

86.8020, 10.4506,
8.0666

86.8020, 10.4506,
8.0666

255.0000, 0.0000,
0.0000

63.3890, 10.1612,
7.5518

136.7420, 11.4662,
8.9963

40.8620, 9.4350,
7.1370

163.1550, 11.7556,
9.5111

19.8620, 9.4350,
7.1370

190.1550, 11.7556,
9.5111

2.5250, 7.1362,
-2.2144

218.2690, 12.1924,
9.4111

0.0000, 0.0000,
0.0000

243.8470, 5.4984,
9.7812

86.8020, 10.4506,
8.0666

86.8020, 10.4506,
8.0666

79.1490, 14.2235,
11.2703

94.4550, 6.6777,
4.8630

71.1970, 18.1439,
13.8592

102.4070, 2.7573,
2.2741

64.1310, 21.6274,
16.5481

109.4730, -0.7262,
-0.4148

56.4780, 25.4003,
19.7518

117.1260, -4.4991,
-3.6185

48.5260, 29.3207,
22.3407

125.0780, -8.4195,
-6.2074

40.8730, 33.0936,
25.5444

132.7310,
-12.1924, -9.4111

33.2200, 36.8665,
28.7481


140.3840,
-15.9653, -12.6148

31.7470, 37.5927,

147.7490,

29.1629

-19.5963, -14.6889

 155.4020,
-23.3692, -17.8926

Harmonies

Analogous

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



84.6580, 15.4516, -9.3471



86.8020, 10.4506, 8.0666



87.3430, 3.2819, 20.7472

Triad

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



86.8020, 10.4506, 8.0666



84.5000, -15.0365, 16.2245



75.2450, 8.2602, -36.1719

Complementary

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



86.8020, 10.4506, 8.0666



99.1980, -10.4506, -8.0666

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.



78.3900, -1.6713, -24.0210



86.8020, 10.4506, 8.0666



82.8360, -14.7091, 4.5288

Square

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



86.8020, 10.4506, 8.0666



85.8800, -11.2798, 24.6612



80.7140, -9.7190, -9.3962



75.3570, 15.1070, -38.9011

Rectangle

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



86.8020, 10.4506, 8.0666



86.9970, -1.9705, 25.4356



80.7140, -9.7190, -9.3962



76.0560, 4.9024, -32.4981

Sweetspot

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



86.8020, 10.4506, 8.0666



132.3470, 3.7729, 3.2037



88.4640, 9.6312, -9.1769



66.2930, 2.3206, 2.3740



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



86.8020, 10.4506, 8.0666



107.6160, 15.9653, 12.6148



90.0480, 7.3713, 15.7439



49.5810, 2.1786, 1.2445



34.2680, 40.7869, 31.3370



71.8830, 85.3467, 65.8776

Inverse Universe

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



88.3380, 0.8194, 17.2436



109.8060, 1.0816, 26.4801



95.9520, -7.3713, -15.7439



50.0220, -0.0108, 3.4887



40.3410, 3.2829, 67.2299



84.4270, 6.6915, 140.8225

Previews

White Background



This preview shows how the YUV color 86.8020, 10.4506, 8.0666 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 86.8020, 10.4506, 8.0666 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 86.8020, 10.4506, 8.0666

Background



This preview shows how black text looks on a background with the YUV color 86.8020, 10.4506, 8.0666.

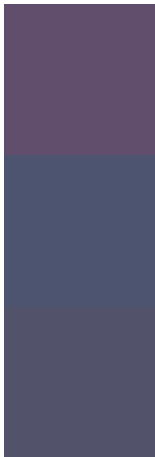


This preview shows how white text looks on a background with the YUV color 86.8020, 10.4506,

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

86.8020, 10.4506, 8.0666

Protanopia

85.0990, 13.2622, -7.1028

Deuteranopia

85.4370, 10.6306, -3.0142



Tritanopia

85.9730, 0.9993, 6.1627

Trichromacy



Original Color

86.8020, 10.4506, 8.0666

Protanomaly

85.9040, 12.3723, -1.6698

Deuteranomaly

85.7580, 10.4723, 1.0892

Tritanomaly

86.4830, 4.1989, 6.5924

Monochromacy



Original Color

86.8020, 10.4506, 8.0666

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

87.0480, 3.9203, 2.5889

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.8020, 10.4506, 8.0666 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(96, 78, 108)` looks like.

```
.text, #text, p{  
    color:rgb(96, 78, 108)  
}
```

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(96, 78, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 78, 108) }
```

Border

The CSS property to change the border of an element to YUV 86.8020, 10.4506, 8.0666 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(96, 78, 108) }
```


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

```
.border{ border-color:rgb(96, 78, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 78, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 78, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 78, 108);  
box-shadow:4px 4px 4px 4px rgb(96, 78,  
108) }
```

Background

The CSS property to change the background color of an element to YUV 86.8020, 10.4506, 8.0666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 78, 108) }
```

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

```
.background{ background-color: rgb(96, 78,  
108) }
```

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