

Converting Colors

YUV(86.7420, 11.4662, 8.9963)

Have a look what the booklet for
YUV(86.7420, 11.4662, 8.9963)
contains.

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Color

**YUV(86.7420, 11.4662,
8.9963)**

Conversions

Conversions Part 1

Format	Color
Hex	614D6E
RGB	97, 77, 110
RGB Percent	38%, 30%, 43%
CMY	0.6196, 0.6980, 0.5686
CMYK	0.12, 0.30, 0.00, 0.57
HSL	276°, 18%, 37%
HSV	276°, 30%, 43%
XYZ	10.3981, 8.9749, 15.9361
YIQ	86.7420, 1.3270, 14.5030

Conversions

Conversions Part 2

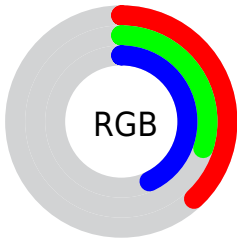
Format	Color
RYB	97, 77, 110
Decimal	6376814
CIELab	35.94, 15.27, -15.85
CIElCh	36, 22.014, 313.929
Yxy	8.9749, 0.2945, 0.2542
Android (android.graphics.Color)	4284566894 (0xFF614D6E)
YUV	86.7420, 11.4662, 8.9963
Hunter-Lab	29.9582, 9.5283, -10.5684

Details

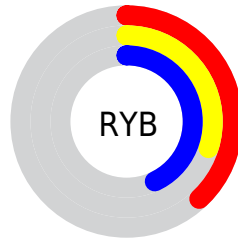
The YUV color **86.7420, 11.4662, 8.9963** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **100.2580, -11.4662, -8.9963**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.6820, 12.4818, 9.9259**, and **40.8020, 10.4506, 8.0666** is the 20% darker color. If you saturate the color by 10%, you get **79.0890, 15.2391, 12.1999**, and if you desaturate by 10%, it is **94.3950, 7.6933, 5.7926**.

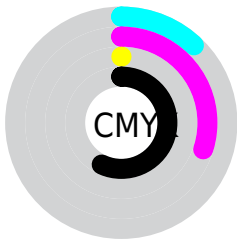
Distribution



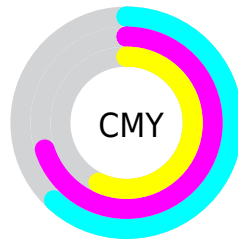
- Red (38%)
- Green (30%)
- Blue (43%)



- Red (38%)
- Yellow (30%)
- Blue (43%)



- Cyan (12%)
- Magenta (30%)
- Yellow (0%)
- Black (57%)



- Cyan (62%)
- Magenta (70%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.7420, 11.4662, 8.9963 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 86.7420, 11.4662, 8.9963 by changing the saturation by 10% instead.

86.7420, 11.4662,
8.9963

86.7420, 11.4662,
8.9963

255.0000, 0.0000,
0.0000

63.3290, 11.1768,
8.4815

136.6820, 12.4818,
9.9259

40.8020, 10.4506,
8.0666

163.0950, 12.7712,
10.4407

19.6880, 10.0138,
8.1666

190.2090, 13.2080,
10.3407

2.7530, 8.0098,
-2.4144

217.9210, 13.3499,
11.4703

0.0000, 0.0000,
0.0000

243.2600, 5.7878,
10.2960

86.7420, 11.4662,
8.9963

86.7420, 11.4662,
8.9963

79.0890, 15.2391,
12.1999

94.3950, 7.6933,
5.7926

71.1370, 19.1595,
14.7889

102.3470, 3.7729,
3.2037

63.4840, 22.9324,
17.9925

110.0000, 0.0000,
0.0000

55.8310, 26.7053,
21.1962

117.6530, -3.7729,
-3.2037

47.8790, 30.6257,
23.7851

125.6050, -7.6933,
-5.7926

40.2260, 34.3986,
26.9888


133.2580,
-11.4662, -8.9963

32.5730, 38.1715,
30.1925

140.9110,
-15.2391, -12.1999

148.8630,

-19.1595, -14.7889

 156.5160,
-22.9324, -17.9925

Harmonies

Analogous

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



84.1140, 17.1988, -9.7470



86.7420, 11.4662, 8.9963



86.8810, 4.0027, 22.9064

Triad

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



86.7420, 11.4662, 8.9963



84.1690, -16.3523, 18.2688



72.5430, 9.5923, -43.4492

Complementary

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



86.7420, 11.4662, 8.9963



100.2580, -11.4662, -8.9963

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.



76.7810, -1.3710, -26.9949



86.7420, 11.4662, 8.9963



82.4940, -16.0195, 4.8288

Square

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



86.7420, 11.4662, 8.9963



85.0760, -11.8695, 27.1203



80.4750, -10.5872, -10.9406



71.9860, 17.7549, -48.2227

Rectangle

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



86.7420, 11.4662, 8.9963



86.4210, -1.6866, 27.6948



80.4750, -10.5872, -10.9406



74.2510, 5.7923, -37.9311

Sweetspot

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



86.7420, 11.4662, 8.9963



133.8740, 4.4991, 3.6185



88.3930, 10.6523, -9.9917



65.9940, 2.4680, 1.7593



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.



86.7420, 11.4662, 8.9963



106.4960, 17.9965, 14.4740



90.2870, 8.2395, 17.2883



51.8800, 2.0312, 1.8592



35.5070, 41.6550, 32.8814



73.0080, 85.7781, 67.5220

Inverse Universe

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



88.3490, 0.8139, 18.9879



108.9420, 1.5076, 29.8689



96.7130, -8.2395, -17.2883



52.1360, 0.4260, 3.3887



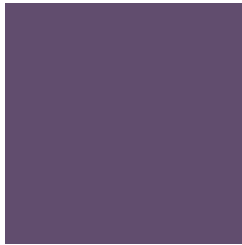
41.2380, 2.8407, 69.0743



84.9110, 5.9599, 142.1521

Previews

White Background



This preview shows how the YUV color 86.7420, 11.4662, 8.9963 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 86.7420, 11.4662, 8.9963 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

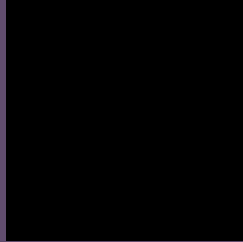
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 86.7420, 11.4662, 8.9963

Background



This preview shows how black text looks on a background with the YUV color 86.7420, 11.4662, 8.9963.

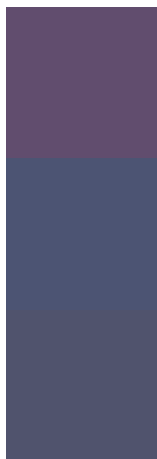


This preview shows how white text looks on a background with the YUV color 86.7420, 11.4662,

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

86.7420, 11.4662, 8.9963

Protanopia

85.1420, 14.7200, -8.0175

Deuteranopia

85.0670, 11.7990, -4.4438



Tritanopia

85.3860, 1.2887, 6.6775

Trichromacy



Original Color

86.7420, 11.4662, 8.9963

Protanomaly

85.5450, 13.5353, -1.3550

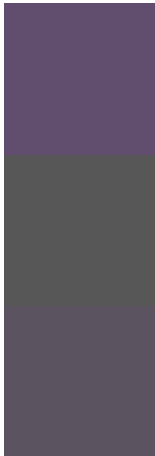
Deuteranomaly

85.6870, 11.4933, 0.2745

Tritanomaly

86.0100, 4.9251, 7.0072

Monochromacy



Original Color

86.7420, 11.4662, 8.9963

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

86.7600, 4.0623, 3.7185

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.7420, 11.4662, 8.9963 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(97, 77, 110)` looks like.

```
.text, #text, p{  
    color:rgb(97, 77, 110)  
}
```

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(97, 77, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 77, 110) }
```

Border

The CSS property to change the border of an element to YUV 86.7420, 11.4662, 8.9963 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(97, 77, 110) }
```


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

```
.border{ border-color:rgb(97, 77, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 77, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 77, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 77, 110);  
box-shadow:4px 4px 4px 4px rgb(97, 77,  
110) }
```

Background

The CSS property to change the background color of an element to YUV 86.7420, 11.4662, 8.9963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 77, 110) }
```

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

```
.background{ background-color: rgb(97, 77,  
110) }
```

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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