

Converting Colors

YUV(86.6740, 4.5977, 18.7029)

Have a look what the booklet for
YUV(86.6740, 4.5977, 18.7029)
contains.

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Color

**YUV(86.6740, 4.5977,
18.7029)**

Conversions

Conversions Part 1

Format	Color
Hex	6C4A60
RGB	108, 74, 96
RGB Percent	42%, 29%, 38%
CMY	0.5765, 0.7098, 0.6235
CMYK	0.00, 0.31, 0.11, 0.58
HSL	321°, 19%, 36%
HSV	321°, 31%, 42%
XYZ	10.7444, 8.9302, 12.2237
YIQ	86.6740, 13.2020, 14.0500

Conversions

Conversions Part 2

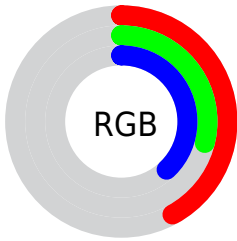
Format	Color
R_{YB}	108, 74, 96
Decimal	7096928
CIE _{Lab}	35.85, 18.27, -7.09
CIE _{LCh}	36, 19.597, 338.803
Yxy	8.9302, 0.3368, 0.2800
Android (android.graphics.Color)	4285287008 (0xFF6C4A60)
YUV	86.6740, 4.5977, 18.7029
Hunter-Lab	29.8835, 11.8826, -3.3339

Details

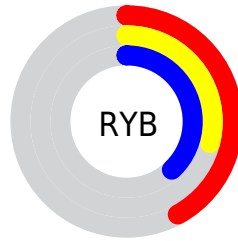
The YUV color **86.6740, 4.5977, 18.7029** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **95.3260, -4.5977, -18.7029**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.7990, 5.0291, 20.3473**, and **40.6630, 4.6031, 16.9585** is the 20% darker color. If you saturate the color by 10%, you get **79.7610, 6.0338, 24.7656**, and if you desaturate by 10%, it is **93.5870, 3.1616, 12.6402**.

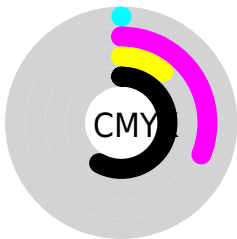
Distribution



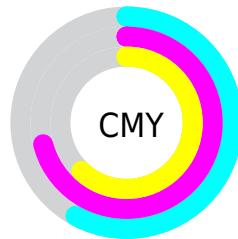
- Red (42%)
- Green (29%)
- Blue (38%)



- Red (42%)
- Yellow (29%)
- Blue (38%)



- Cyan (0%)
- Magenta (31%)
- Yellow (11%)
- Black (58%)



- Cyan (58%)
- Magenta (71%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.6740, 4.5977, 18.7029 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 86.6740, 4.5977, 18.7029 by changing the saturation by 10% instead.

86.6740, 4.5977,
18.7029

86.6740, 4.5977,
18.7029

255.0000, 0.0000,
0.0000

62.9620, 4.4557,
17.5733

136.7990, 5.0291,
20.3473

40.6630, 4.6031,
16.9585

163.0980, 4.8817,
20.9621

18.7770, 5.0399,
16.8586

190.3970, 4.7343,
21.5768

0.2990, -0.1474,
0.6148

218.1090, 4.8763,
22.7064

0.0000, 0.0000,
0.0000

241.4990, 6.6560,
11.8404

86.6740, 4.5977,
18.7029

86.6740, 4.5977,
18.7029

79.7610, 6.0338,
24.7656

93.5870, 3.1616,
12.6402

72.8480, 7.4699,
30.8283

100.5000, 1.7255,
6.5775

66.6360, 9.0535,
36.2762

106.7120, 0.1420,
1.1296

59.7230, 10.4896,
42.3389

113.6250, -1.2941,
-4.9331

52.8100, 11.9257,
48.4016

120.5380, -2.7302,
-10.9958

45.8970, 13.3618,
54.4643

127.4510, -4.1663,
-17.0585

40.2720, 14.6559,
59.3975

134.3640, -5.6025,
-23.1212

140.5760, -7.1860,

-28.5692

■ 147.4890, -8.6221,
-34.6319

Harmonies

Analogous

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



86.3070, 11.1876, 4.9928



86.6740, 4.5977, 18.7029



85.7690, -2.8441, 25.6356

Triad

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



86.6740, 4.5977, 18.7029



83.1460, -14.8620, 6.8880



75.0150, 13.7966, -38.6012

Complementary

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



86.6740, 4.5977, 18.7029



95.3260, -4.5977, -18.7029

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.



75.8000, 6.5076, -34.0276



86.6740, 4.5977, 18.7029



80.7960, -10.7454, -6.8371

Square

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



86.6740, 4.5977, 18.7029



84.6250, -14.6051, 17.8689



78.6570, -3.2819, -20.7472



78.8790, 16.8217, -28.8349

Rectangle

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



86.6740, 4.5977, 18.7029



85.8030, -7.7909, 25.6058



78.6570, -3.2819, -20.7472



75.1460, 11.7600, -38.7160

Sweetspot

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



86.6740, 4.5977, 18.7029



132.5000, 1.7255, 6.5775



81.4640, 13.0822, 3.9781



66.6630, 1.1521, 3.8035



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.



86.6740, 4.5977, 18.7029



106.7230, 7.0386, 29.1839



84.7360, -2.8278, 20.4025



50.2500, 0.8628, 3.2887



43.6470, 15.9500, 64.3306



91.2670, 32.8994, 134.8238

Inverse Universe

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



86.6740, 4.5977, 18.7029



106.7230, 7.0386, 29.1839



97.2640, 2.8278, -20.4025



50.2500, 0.8628, 3.2887



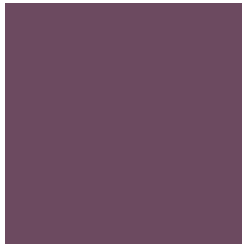
43.6470, 15.9500, 64.3306



91.2670, 32.8994, 134.8238

Previews

White Background



This preview shows how the YUV color 86.6740, 4.5977, 18.7029 looks on a white background.

Color Contrast Check

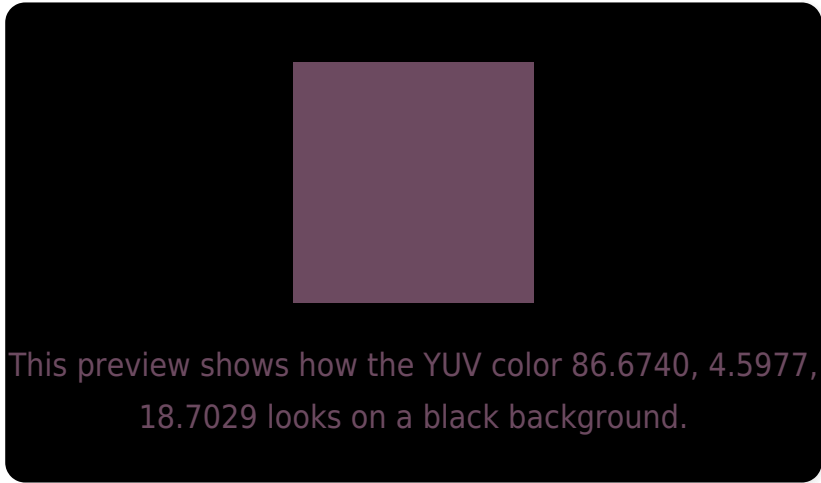
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



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 86.6740, 4.5977, 18.7029

Background



This preview shows how black text looks on a background with the YUV color 86.6740, 4.5977, 18.7029.



This preview shows how white text looks on a background with the YUV color 86.6740, 4.5977,

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

86.6740, 4.5977, 18.7029

Protanopia

85.2690, 8.7414, -3.7439

Deuteranopia

85.1620, 4.3571, 2.4889



Tritanopia

85.6540, -1.8014, 17.8434

Trichromacy



Original Color

86.6740, 4.5977, 18.7029

Protanomaly

85.5690, 7.1145, 4.7630

Deuteranomaly

85.6080, 4.6303, 8.2368

Tritanomaly

85.9360, 0.5246, 18.4731

Monochromacy



Original Color

86.6740, 4.5977, 18.7029

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

86.7990, 1.5781, 7.1923

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.6740, 4.5977, 18.7029 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(108, 74, 96)` looks like.

```
.text, #text, p{  
    color:rgb(108, 74, 96)  
}
```

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(108, 74, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 74, 96) }
```

Border

The CSS property to change the border of an element to YUV 86.6740, 4.5977, 18.7029 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(108, 74, 96) }
```


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

```
.border{ border-color:rgb(108, 74, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 74, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 74, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 74, 96);  
box-shadow:4px 4px 4px 4px rgb(108, 74,  
96) }
```

Background

The CSS property to change the background color of an element to YUV 86.6740, 4.5977, 18.7029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 74, 96) }
```

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

```
.background{ background-color: rgb(108, 74,  
96) }
```

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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