

Converting Colors

YUV(86.1840, 7.7973, 19.1326)

Have a look what the booklet for
YUV(86.1840, 7.7973, 19.1326)
contains.

YUV(86.1840, 7.7973, 19.1326)	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(86.1840, 7.7973,
19.1326)**

Conversions

Conversions Part 1

Format	Color
Hex	6C4866
RGB	108, 72, 102
RGB Percent	42%, 28%, 40%
CMY	0.5765, 0.7176, 0.6000
CMYK	0.00, 0.33, 0.06, 0.58
HSL	310°, 20%, 35%
HSV	310°, 33%, 42%
XYZ	10.9000, 8.7822, 13.6910
YIQ	86.1840, 11.8260, 16.9620

Conversions

Conversions Part 2

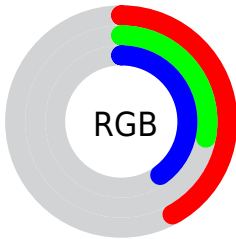
Format	Color
R_{YB}	108, 72, 102
Decimal	7096422
CIE _{Lab}	35.56, 20.67, -11.30
CIE _{LCh}	36, 23.559, 331.344
Yxy	8.7822, 0.3266, 0.2632
Android (android.graphics.Color)	4285286502 (0xFF6C4866)
YUV	86.1840, 7.7973, 19.1326
Hunter-Lab	29.6347, 13.7934, -6.6472

Details

The YUV color **86.1840, 7.7973, 19.1326** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **93.8160, -7.7973, -19.1326**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.3090, 8.2287, 20.7770**, and **40.0590, 7.3659, 17.4883** is the 20% darker color. If you saturate the color by 10%, you get **79.4990, 10.1070, 24.9954**, and if you desaturate by 10%, it is **92.8690, 5.4876, 13.2699**.

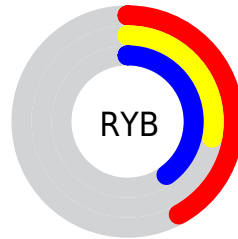
Distribution



Red (42%)

Green (28%)

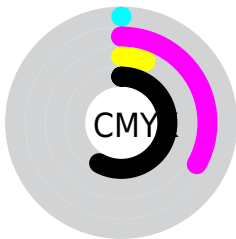
Blue (40%)



Red (42%)

Yellow (28%)

Blue (40%)

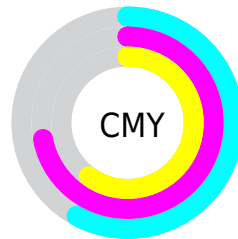


Cyan (0%)

Magenta (33%)

Yellow (6%)

Black (58%)



Cyan (58%)

Magenta (72%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.1840, 7.7973, 19.1326 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 86.1840, 7.7973, 19.1326 by changing the saturation by 10% instead.

86.1840, 7.7973,
19.1326

86.1840, 7.7973,
19.1326

255.0000, 0.0000,
0.0000

62.4720, 7.6553,
18.0031

136.3090, 8.2287,
20.7770

40.0590, 7.3659,
17.4883

162.7220, 8.5181,
21.2918

18.1730, 7.8027,
17.3883

190.0210, 8.3706,
21.9066

1.0260, 3.9312,
-0.8998

217.8470, 8.9494,
22.9362

0.0000, 0.0000,
0.0000

239.7380, 7.5242,
13.3848

86.1840, 7.7973,
19.1326

86.1840, 7.7973,
19.1326

79.4990, 10.1070,
24.9954

92.8690, 5.4876,
13.2699

72.8140, 12.4167,
30.8581

99.5540, 3.1779,
7.4071

66.8300, 14.8738,
36.1061

105.5380, 0.7208,
2.1592

60.1450, 17.1835,
41.9688

112.2230, -1.5889,
-3.7036

53.4600, 19.4932,
47.8316

118.9080, -3.8986,
-9.5663

46.7750, 21.8029,
53.6943


125.5930, -6.2083,
-15.4291

42.5520, 23.3919,
57.3979

132.2780, -8.5181,
-21.2918

138.2620,

-10.9752, -26.5398

 144.9470,
-13.2849, -32.4025

Harmonies

Analogous

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



85.0230, 15.2717, 1.7338



86.1840, 7.7973, 19.1326



85.6600, -0.8184, 29.2392

Triad

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



86.1840, 7.7973, 19.1326



82.3700, -17.9304, 11.0765



66.3330, 18.0768, -58.1740

Complementary

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



86.1840, 7.7973, 19.1326



93.8160, -7.7973, -19.1326

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.



72.2290, 5.8031, -41.4198



86.1840, 7.7973, 19.1326



79.8950, -14.2452, -4.2929

Square

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



86.1840, 7.7973, 19.1326



83.3160, -15.9318, 23.4019



77.2610, -6.0447, -21.2769



72.0340, 21.6752, -45.6338

Rectangle

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



86.1840, 7.7973, 19.1326



85.0640, -6.9336, 30.6389



77.2610, -6.0447, -21.2769



66.5350, 15.0192, -57.4742

Sweetspot

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



86.1840, 7.7973, 19.1326



131.5540, 3.1779, 7.4071



77.8980, 14.8403, 0.0895



66.1900, 1.8783, 4.2184



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.



86.1840, 7.7973, 19.1326



106.1020, 12.2747, 29.7285



84.1320, -0.0651, 20.9322



50.3640, 1.2995, 3.1888



46.1550, 25.5596, 62.1311



96.5110, 52.9921, 130.2249

Inverse Universe

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



86.1840, 7.7973, 19.1326



106.1020, 12.2747, 29.7285



95.8680, 0.0651, -20.9322



50.3640, 1.2995, 3.1888



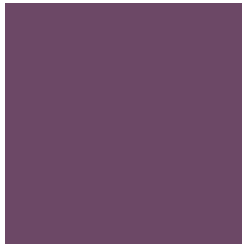
46.1550, 25.5596, 62.1311



96.5110, 52.9921, 130.2249

Previews

White Background



This preview shows how the YUV color 86.1840, 7.7973, 19.1326 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 86.1840, 7.7973, 19.1326 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

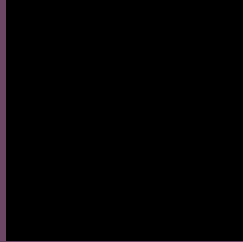
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 86.1840, 7.7973, 19.1326

Background



This preview shows how black text looks on a background with the YUV color 86.1840, 7.7973, 19.1326.



This preview shows how white text looks on a background with the YUV color 86.1840, 7.7973,

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

86.1840, 7.7973, 19.1326

Protanopia

84.2840, 12.6780, -6.3881

Deuteranopia

84.6500, 7.5675, -0.5701



Tritanopia

85.3550, -1.6540, 17.2287

Trichromacy



Original Color

86.1840, 7.7973, 19.1326

Protanomaly

84.8830, 10.9037, 2.7336

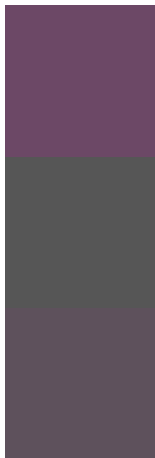
Deuteranomaly

85.1070, 7.8352, 6.9222

Tritanomaly

85.8650, 1.5456, 17.6584

Monochromacy



Original Color

86.1840, 7.7973, 19.1326

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

86.1410, 2.8885, 6.8923

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.1840, 7.7973, 19.1326 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, 72, 102)` looks like.

```
.text, #text, p{  
    color:rgb(108, 72, 102)  
}
```

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, 72, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 72, 102) }
```

Border

The CSS property to change the border of an element to YUV 86.1840, 7.7973, 19.1326 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, 72, 102) }
```


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

```
.border{ border-color:rgb(108, 72, 102) }
```

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

Here you see how a box with a 4 pixel rgb(108, 72, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 72, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 72, 102);  
box-shadow:4px 4px 4px 4px rgb(108, 72,  
102) }
```

Background

The CSS property to change the background color of an element to YUV 86.1840, 7.7973, 19.1326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 72, 102) }
```

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

```
.background{ background-color: rgb(108, 72,  
102) }
```

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