

Converting Colors

YUV(108.0840, 12.7766, 8.6963)

Have a look what the booklet for
YUV(108.0840, 12.7766, 8.6963)
contains.

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Color

**YUV(108.0840, 12.7766,
8.6963)**

Conversions

Conversions Part 1

Format	Color
Hex	766286
RGB	118, 98, 134
RGB Percent	46%, 38%, 53%
CMY	0.5373, 0.6157, 0.4745
CMYK	0.12, 0.27, 0.00, 0.47
HSL	273°, 16%, 45%
HSV	273°, 27%, 53%
XYZ	16.1420, 14.3081, 24.4652
YIQ	108.0840, 0.3640, 15.4360

Conversions

Conversions Part 2

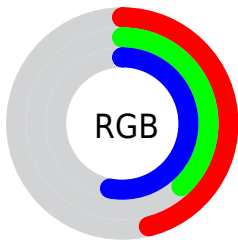
Format	Color
RYB	118, 98, 134
Decimal	7758470
CIELab	44.67, 15.38, -16.98
CIElCh	45, 22.909, 312.157
Yxy	14.3081, 0.2939, 0.2605
Android (android.graphics.Color)	4285948550 (0xFF766286)
YUV	108.0840, 12.7766, 8.6963
Hunter-Lab	37.8261, 9.9777, -11.8694

Details

The YUV color **108.0840, 12.7766, 8.6963** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **123.9160, -12.7766, -8.6963**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.6110, 13.5028, 9.1112**, and **60.1440, 11.7610, 7.7667** is the 20% darker color. If you saturate the color by 10%, you get **98.6590, 17.4231, 11.7001**, and if you desaturate by 10%, it is **117.5090, 8.1301, 5.6926**.

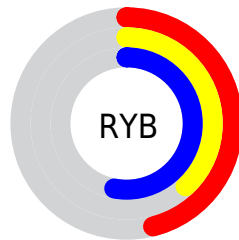
Distribution



Red (46%)

Green (38%)

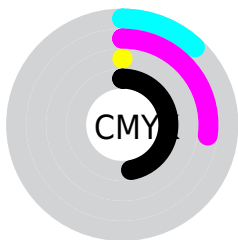
Blue (53%)



Red (46%)

Yellow (38%)

Blue (53%)

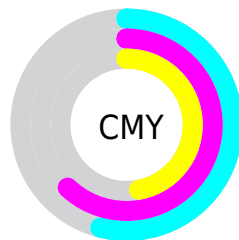


Cyan (12%)

Magenta (27%)

Yellow (0%)

Black (47%)



Cyan (54%)


Magenta (62%)

Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the YUV color 108.0840, 12.7766, 8.6963 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 108.0840, 12.7766, 8.6963 by changing the saturation by 10% instead.


 108.0840, 12.7766,
8.6963


 108.0840, 12.7766,
8.6963


255.0000, 0.0000,
0.0000


 83.6710, 12.4872,
8.1815


 159.6110, 13.5028,
9.1112


 60.1440, 11.7610,
7.7667


 187.0240, 13.7922,
9.6260

 38.3180, 11.1822,
6.7371

 214.5510, 14.5184,
10.0408

 16.3290, 11.1768,
8.4815

 240.9120, 6.9454,
12.3552

 2.5250, 7.1362,
-2.2144

 0.0000, 0.0000,
0.0000

108.0840, 12.7766,
8.6963

108.0840, 12.7766,
8.6963

98.6590, 17.4231,
11.7001

117.5090, 8.1301,
5.6926

88.6470, 22.3590,
15.2186

127.5210, 3.1941,
2.1741

79.2220, 27.0056,
18.2223

136.9460, -1.4524,
-0.8296

69.2100, 31.9415,
21.7408

146.9580, -6.3883,
-4.3482

59.7850, 36.5880,
24.7446

156.3830,
-11.0348, -7.3519

50.3600, 41.2345,
27.7483

165.8080,
-15.6813, -10.3556

40.3480, 46.1704,
31.2668


175.8200,
-20.6173, -13.8741

37.4020, 47.6228,

185.2450,

32.0964

-25.2638, -16.8779

 195.2570,
-30.1997, -20.3964

Harmonies

Analogous

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



105.4450, 18.5146, -11.7913



108.0840, 12.7766, 8.6963



108.7070, 4.5814, 23.9360

Triad

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



108.0840, 12.7766, 8.6963



105.8380, -17.6681, 20.3131



95.0270, 8.8607, -42.1197

Complementary

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



108.0840, 12.7766, 8.6963



123.9160, -12.7766, -8.6963

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.



98.1400, -2.5340, -27.3098



108.0840, 12.7766, 8.6963



103.7500, -17.6247, 6.3583

Square

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



108.0840, 12.7766, 8.6963



106.8590, -12.7485, 29.0647



101.4320, -12.0450, -10.0259



94.9970, 17.7495, -46.4784

Rectangle

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



108.0840, 12.7766, 8.6963



107.8450, -1.4026, 29.9539



101.4320, -12.0450, -10.0259



96.0230, 4.9187, -37.7312

Sweetspot

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



108.0840, 12.7766, 8.6963



163.5750, 4.6465, 3.0037



111.4960, 11.0945, -11.8360



80.5210, 3.1941, 2.1741



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



108.0840, 12.7766, 8.6963



133.5390, 19.4543, 13.5593



112.6400, 9.5445, 18.7327



61.5810, 2.1786, 1.2445



36.3480, 46.1704, 31.2668



0.6410, 1.1630, 0.3148

Inverse Universe

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



110.5880, 1.6821, 20.5323



137.2950, 2.8126, 31.3133



119.3600, -9.5445, -18.7327



62.1360, 0.4260, 3.3887



45.4820, 6.1714, 74.1223



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 108.0840, 12.7766, 8.6963 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 × Fail

Black Background



This preview shows how the YUV color 108.0840, 12.7766, 8.6963 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

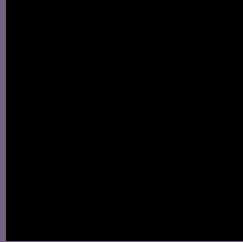
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 108.0840, 12.7766, 8.6963

Background



This preview shows how black text looks on a background with the YUV color 108.0840, 12.7766, 8.6963.



This preview shows how white text looks on a background with the YUV color 108.0840, 12.7766, 8.6963.

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

108.0840, 12.7766, 8.6963

Protanopia

106.4840, 16.0304, -8.3175

Deuteranopia

106.7080, 12.9620, -4.1289



Tritanopia

106.5000, 1.7255, 6.5775

Trichromacy



Original Color

108.0840, 12.7766, 8.6963

Protanomaly

106.8870, 14.8457, -1.6549

Deuteranomaly

107.3280, 12.6563, 0.5893

Tritanomaly

107.2380, 5.7987, 6.8073

Monochromacy



Original Color

108.0840, 12.7766, 8.6963

Achromatopsia

108.0000, 0.0000, 0.0000

Achromatomaly

107.8740, 4.4991, 3.6185

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.0840, 12.7766, 8.6963 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(118, 98, 134)` looks like.

```
.text, #text, p{  
    color:rgb(118, 98, 134)  
}
```

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(118, 98, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 98, 134) }
```

Border

The CSS property to change the border of an element to YUV 108.0840, 12.7766, 8.6963 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(118, 98, 134) }
```


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

```
.border{ border-color:rgb(118, 98, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 98, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 98, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 98, 134);  
box-shadow:4px 4px 4px 4px rgb(118, 98,  
134) }
```

Background

The CSS property to change the background color of an element to YUV 108.0840, 12.7766, 8.6963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 98, 134) }
```

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

```
.background{ background-color: rgb(118, 98,  
134) }
```

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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