

Converting Colors

YUV(108.1180, 7.8298, 8.6665)

Have a look what the booklet for
YUV(108.1180, 7.8298, 8.6665)
contains.

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Color

**YUV(108.1180, 7.8298,
8.6665)**

Conversions

Conversions Part 1

Format	Color
Hex	76647C
RGB	118, 100, 124
RGB Percent	46%, 39%, 49%
CMY	0.5373, 0.6078, 0.5137
CMYK	0.05, 0.19, 0.00, 0.51
HSL	285°, 11%, 44%
HSV	285°, 19%, 49%
XYZ	15.6665, 14.4211, 21.0266
YIQ	108.1180, 3.0240, 11.2800

Conversions

Conversions Part 2

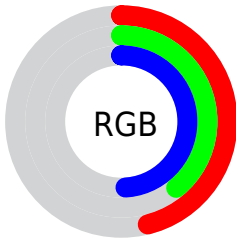
Format	Color
R _Y B	118, 100, 124
Decimal	7758972
CIE Lab	44.83, 11.94, -10.72
CIE LCh	45, 16.050, 318.086
Yxy	14.4211, 0.3065, 0.2821
Android (android.graphics.Color)	4285949052 (0xFF76647C)
YUV	108.1180, 7.8298, 8.6665
Hunter-Lab	37.9752, 7.1828, -6.2459

Details

The YUV color **108.1180, 7.8298, 8.6665** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **115.8820, -7.8298, -8.6665**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.6450, 8.5560, 9.0813**, and **60.2920, 7.2510, 7.6369** is the 20% darker color. If you saturate the color by 10%, you get **100.1770, 11.7447, 12.9998**, and if you desaturate by 10%, it is **116.0590, 3.9149, 4.3333**.

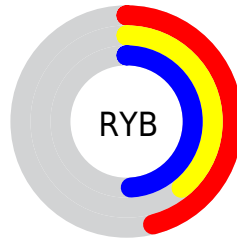
Distribution



Red (46%)

Green (39%)

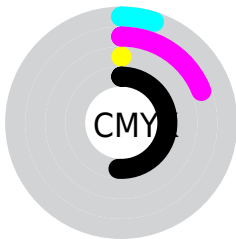
Blue (49%)



Red (46%)

Yellow (39%)

Blue (49%)

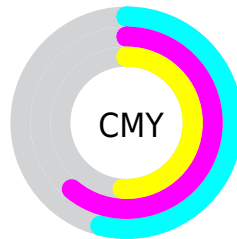


Cyan (5%)

Magenta (19%)

Yellow (0%)

Black (51%)



Cyan (54%)


Magenta (61%)


Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 108.1180, 7.8298, 8.6665 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 108.1180, 7.8298, 8.6665 by changing the saturation by 10% instead.


 108.1180, 7.8298,
8.6665

 108.1180, 7.8298,
8.6665


255.0000, 0.0000,
0.0000

 83.7050, 7.5404,
8.1517

 159.6450, 8.5560,
9.0813

 60.2920, 7.2510,
7.6369


 186.9440, 8.4086,
9.6961

 38.7650, 6.5249,
7.2221

 214.3570, 8.6980,
10.2109

 16.8900, 6.9562,
8.8665

 241.7870, 6.5140,
10.7108

 0.4560, 1.7472,
-0.3999

 0.0000, 0.0000,
0.0000

■ 108.1180, 7.8298,
8.6665

■ 108.1180, 7.8298,
8.6665

■ 100.1770, 11.7447,
12.9998

■ 116.0590, 3.9149,
4.3333

■ 91.6490, 15.9490,
17.8478

■ 124.5870, -0.2894,
-0.5148

■ 83.7080, 19.8640,
22.1811

■ 132.5280, -4.2043,
-4.8481

■ 75.1800, 24.0683,
27.0291

■ 141.0560, -8.4086,
-9.6961

■ 67.2390, 27.9832,
31.3624

■ 149.2960,
-12.4709, -13.4146

■ 58.9990, 32.0455,
35.0809

■ 157.2370,
-16.3858, -17.7478

■ 50.4710, 36.2498,
39.9289

■ 165.7650,
-20.5901, -22.5959

■ 42.5300, 40.1647,

■ 173.7060,

44.2622

-24.5051, -26.9292

■ 41.9430, 40.4541,
44.7770

■ 182.2340,
-28.7094, -31.7772

Harmonies

Analogous

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



106.1810, 12.2358, -4.5437



108.1180, 7.8298, 8.6665



108.2780, 1.8349, 18.1732

Triad

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



108.1180, 7.8298, 8.6665



105.7600, -12.6997, 13.3655



100.5450, 6.6333, -27.6650

Complementary

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



108.1180, 7.8298, 8.6665



115.8820, -7.8298, -8.6665

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.



101.0530, -0.5191, -20.2175



108.1180, 7.8298, 8.6665



104.9220, -11.7935, 2.6994

Square

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



108.1180, 7.8298, 8.6665



106.9010, -9.8112, 20.2578



102.6970, -7.2456, -9.3813



100.9240, 11.8695, -27.1203

Rectangle

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



108.1180, 7.8298, 8.6665



107.8610, -2.3965, 22.0469



102.6970, -7.2456, -9.3813



100.5730, 4.1545, -25.9355

Sweetspot

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



108.1180, 7.8298, 8.6665



154.2330, 3.3361, 3.3037



106.2580, 8.7468, -5.4883



77.8800, 2.0312, 1.8592



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



108.1180, 7.8298, 8.6665



136.2910, 12.1815, 12.8998



109.2280, 4.3246, 12.9550



57.1790, 1.8838, 2.4740



42.3560, 40.7435, 45.2918



85.2390, 82.2132, 90.9984

Inverse Universe

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



107.8600, -0.9170, 14.1548



136.0890, -1.5229, 21.8469



114.7720, -4.3246, -12.9550



57.0220, -0.0108, 3.4887



40.9090, -4.8851, 73.7478



82.5300, -9.6283, 148.6252

Previews

White Background



This preview shows how the YUV color 108.1180, 7.8298, 8.6665 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 108.1180, 7.8298, 8.6665 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

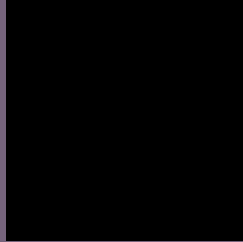
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 108.1180, 7.8298, 8.6665

Background



This preview shows how black text looks on a background with the YUV color 108.1180, 7.8298, 8.6665.



This preview shows how white text looks on a background with the YUV color 108.1180, 7.8298,

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

108.1180, 7.8298, 8.6665

Protanopia

106.3120, 10.1992, -4.6586

Deuteranopia

107.3620, 7.7095, 0.5595



Tritanopia

107.0980, 1.4307, 7.8071

Trichromacy



Original Color

108.1180, 7.8298, 8.6665

Protanomaly

106.8180, 9.4567, 0.1596

Deuteranomaly

107.9710, 7.4093, 3.5334

Tritanomaly

107.3800, 3.7567, 8.4367

Monochromacy



Original Color

108.1180, 7.8298, 8.6665

Achromatopsia

108.0000, 0.0000, 0.0000

Achromatomaly

108.1190, 2.8993, 3.4036

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.1180, 7.8298, 8.6665 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, 100, 124)` looks like.

```
.text, #text, p{  
    color:rgb(118, 100, 124)  
}
```

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, 100, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 100, 124) }
```

Border

The CSS property to change the border of an element to YUV 108.1180, 7.8298, 8.6665 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, 100, 124) }
```


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

```
.border{ border-color:rgb(118, 100, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 100, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 100, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 100, 124);  
box-shadow:4px 4px 4px 4px rgb(118, 100,  
124) }
```

Background

The CSS property to change the background color of an element to YUV 108.1180, 7.8298, 8.6665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 100, 124) }
```

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

```
.background{ background-color: rgb(118,  
100, 124) }
```

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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