

Converting Colors

YUV(98.0470, 8.8508, 7.8518)

Have a look what the booklet for
YUV(98.0470, 8.8508, 7.8518)
contains.

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Color

**YUV(98.0470, 8.8508,
7.8518)**

Conversions

Conversions Part 1

Format	Color
Hex	6B5A74
RGB	107, 90, 116
RGB Percent	42%, 35%, 45%
CMY	0.5804, 0.6471, 0.5451
CMYK	0.08, 0.22, 0.00, 0.55
HSL	279°, 13%, 40%
HSV	279°, 22%, 45%
XYZ	12.8720, 11.6991, 18.1027
YIQ	98.0470, 1.7860, 11.6900

Conversions

Conversions Part 2

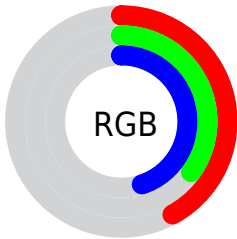
Format	Color
R_{YB}	107, 90, 116
Decimal	7035508
CIE Lab	40.73, 12.22, -12.16
CIE LCh	41, 17.241, 315.158
Yxy	11.6991, 0.3016, 0.2742
Android (android.graphics.Color)	4285225588 (0xFF6B5A74)
YUV	98.0470, 8.8508, 7.8518
Hunter-Lab	34.2039, 7.3180, -7.4370

Details

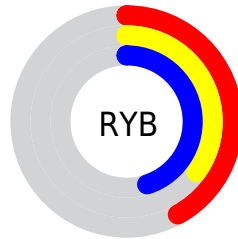
The YUV color **98.0470, 8.8508, 7.8518** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **107.9530, -8.8508, -7.8518**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.8730, 9.4296, 8.8814**, and **51.2210, 8.2720, 6.8222** is the 20% darker color. If you saturate the color by 10%, you get **89.8070, 12.9131, 11.5703**, and if you desaturate by 10%, it is **106.2870, 4.7885, 4.1333**.

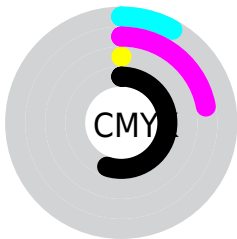
Distribution



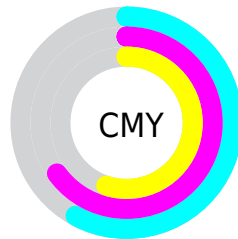
- Red (42%)
- Green (35%)
- Blue (45%)



- Red (42%)
- Yellow (35%)
- Blue (45%)



- Cyan (8%)
- Magenta (22%)
- Yellow (0%)
- Black (55%)



- Cyan (58%)
- Magenta (65%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 98.0470, 8.8508, 7.8518 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 98.0470, 8.8508, 7.8518 by changing the saturation by 10% instead.

■ 98.0470, 8.8508,
7.8518

■ 98.0470, 8.8508,
7.8518

■ 255.0000, 0.0000,
0.0000

■ 74.5200, 8.1246,
7.4370

■ 148.8730, 9.4296,
8.8814

■ 51.2210, 8.2720,
6.8222

■ 175.8730, 9.4296,
8.8814

■ 29.8080, 7.9827,
6.3074

■ 202.9870, 9.8664,
8.7814

■ 8.2320, 8.2666,
8.5665

■ 231.4000, 10.1558,
9.2962

■ 0.0000, 0.0000,
0.0000

■ 252.0650, 1.4470,
2.5740

■ 98.0470, 8.8508,
7.8518

■ 98.0470, 8.8508,
7.8518

■ 89.8070, 12.9131,
11.5703

■ 106.2870, 4.7885,
4.1333

■ 82.1540, 16.6861,
14.7739

■ 113.9400, 1.0156,
0.9296

■ 73.9140, 20.7484,
18.4924

■ 122.1800, -3.0467,
-2.7889

■ 66.2610, 24.5213,
21.6961

■ 129.8330, -6.8197,
-5.9925

■ 58.0210, 28.5836,
25.4146

■ 138.0730,
-10.8820, -9.7110

■ 49.7810, 32.6460,
29.1331

■ 146.3130,
-14.9443, -13.4295

■ 42.1280, 36.4189,
32.3367


■ 153.9660,
-18.7172, -16.6332

■ 35.9480, 39.4656,

■ 162.2060,

35.1256

-22.7796, -20.3517

 169.8590,
-26.5525, -23.5553

Harmonies

Analogous

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



96.3980, 13.1148, -6.4880



98.0470, 8.8508, 7.8518



98.8050, 2.5611, 18.5880

Triad

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



98.0470, 8.8508, 7.8518



96.2440, -13.4313, 14.6950



89.5340, 6.6387, -29.4093

Complementary

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



98.0470, 8.8508, 7.8518



107.9530, -8.8508, -7.8518

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.



90.5260, -1.2453, -20.6323



98.0470, 8.8508, 7.8518



94.4060, -12.5252, 4.0289

Square

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



98.0470, 8.8508, 7.8518



96.9120, -9.8166, 22.0022



92.7680, -8.2666, -8.5665



90.4290, 12.6065, -30.1942

Rectangle

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



98.0470, 8.8508, 7.8518



98.2740, -2.1071, 22.5617



92.7680, -8.2666, -8.5665



89.8610, 4.0125, -27.0651

Sweetspot

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



98.0470, 8.8508, 7.8518



143.2330, 3.3361, 3.3037



98.2470, 8.7522, -7.2326



71.9940, 2.4680, 1.7593



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



98.0470, 8.8508, 7.8518



122.3340, 13.6393, 11.9851



100.2820, 5.7770, 13.7847



54.8800, 2.0312, 1.8592



37.8280, 41.4968, 36.9848



77.2370, 85.1722, 75.2142

Inverse Universe

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



98.8000, 0.0986, 15.0844



123.5560, 0.2189, 23.1914



105.7180, -5.7770, -13.7847



55.0220, -0.0108, 3.4887



41.2660, 0.3619, 70.8037



84.6680, 1.1497, 144.9962

Previews

White Background



This preview shows how the YUV color 98.0470, 8.8508, 7.8518 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 98.0470, 8.8508, 7.8518 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

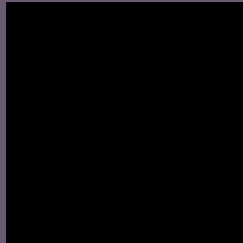
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 98.0470, 8.8508, 7.8518

Background



This preview shows how black text looks on a background with the YUV color 98.0470, 8.8508, 7.8518.



This preview shows how white text looks on a background with the YUV color 98.0470, 8.8508,

7.8518.

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

98.0470, 8.8508, 7.8518

Protanopia

96.3550, 11.6570, -5.5733

Deuteranopia

96.9920, 8.8779, -0.8700



Tritanopia

97.3860, 1.2887, 6.6775

Trichromacy



Original Color

98.0470, 8.8508, 7.8518

Protanomaly

96.8610, 10.9145, -0.7551

Deuteranomaly

97.6010, 8.5777, 2.1039

Tritanomaly

97.7820, 4.0515, 7.2072

Monochromacy



Original Color

98.0470, 8.8508, 7.8518

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

97.9340, 3.4835, 2.6889

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.0470, 8.8508, 7.8518 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(107, 90, 116)` looks like.

```
.text, #text, p{  
    color:rgb(107, 90, 116)  
}
```

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(107, 90, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 90, 116) }
```

Border

The CSS property to change the border of an element to YUV 98.0470, 8.8508, 7.8518 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(107, 90, 116) }
```


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

```
.border{ border-color:rgb(107, 90, 116) }
```

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

Here you see how a box with a 4 pixel rgb(107, 90, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 90, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 90, 116);  
box-shadow:4px 4px 4px 4px rgb(107, 90,  
116) }
```

Background

The CSS property to change the background color of an element to YUV 98.0470, 8.8508, 7.8518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 90, 116) }
```

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

```
.background{ background-color: rgb(107, 90,  
116) }
```

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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