

Converting Colors

YUV(114.6880, 10.0138, 8.1666)

Have a look what the booklet for
YUV(114.6880, 10.0138, 8.1666)
contains.

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Color

**YUV(114.6880, 10.0138,
8.1666)**

Conversions

Conversions Part 1

Format	Color
Hex	7C6A87
RGB	124, 106, 135
RGB Percent	49%, 42%, 53%
CMY	0.5137, 0.5843, 0.4706
CMYK	0.08, 0.21, 0.00, 0.47
HSL	277°, 12%, 47%
HSV	277°, 21%, 53%
XYZ	17.8394, 16.3424, 25.1358
YIQ	114.6880, 1.4190, 12.8350

Conversions

Conversions Part 2

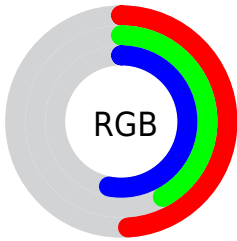
Format	Color
R_{YB}	124, 106, 135
Decimal	8153735
CIE _{Lab}	47.42, 12.91, -13.34
CIE _{LCh}	47, 18.567, 314.055
Yxy	16.3424, 0.3007, 0.2755
Android (android.graphics.Color)	4286343815 (0xFF7C6A87)
YUV	114.6880, 10.0138, 8.1666
Hunter-Lab	40.4258, 8.0247, -8.5672

Details

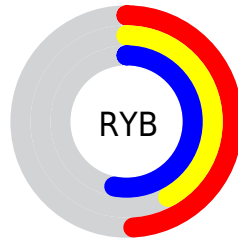
The YUV color **114.6880, 10.0138, 8.1666** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **126.3120, -10.0138, -8.1666**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.5140, 10.5926, 9.1962**, and **66.7480, 8.9982, 7.2370** is the 20% darker color. If you saturate the color by 10%, you get **105.5620, 14.5129, 11.7851**, and if you desaturate by 10%, it is **124.4010, 5.2253, 4.0333**.

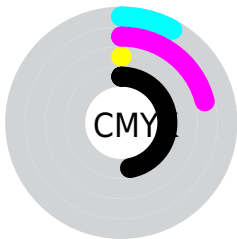
Distribution



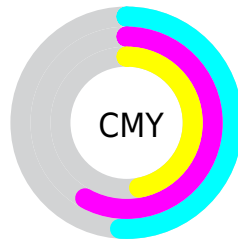
- Red (49%)
- Green (42%)
- Blue (53%)



- Red (49%)
- Yellow (42%)
- Blue (53%)



- Cyan (8%)
- Magenta (21%)
- Yellow (0%)
- Black (47%)



- Cyan (51%)
- Magenta (58%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.6880, 10.0138, 8.1666 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 114.6880, 10.0138, 8.1666 by changing the saturation by 10% instead.

■ 114.6880, 10.0138,
8.1666

■ 114.6880, 10.0138,
8.1666

■ 255.0000, 0.0000,
0.0000

■ 90.2750, 9.7244,
7.6518

■ 166.5140, 10.5926,
9.1962

■ 66.7480, 8.9982,
7.2370

■ 193.6280, 11.0294,
9.0962

■ 44.3350, 8.7088,
6.7222

■ 221.7420, 11.4662,
8.9963

■ 23.5090, 8.1301,
5.6926

■ 246.1950, 4.3409,
7.7220

■ 2.1660, 8.2992,
-1.8996

■ 0.0000, 0.0000,
0.0000

■ 114.6880, 10.0138,
8.1666

■ 114.6880, 10.0138,
8.1666

■ 105.5620, 14.5129,
11.7851

■ 124.4010, 5.2253,
4.0333

■ 95.8490, 19.3014,
15.9184

■ 133.5270, 0.7262,
0.4148

■ 86.7230, 23.8006,
19.5369

■ 143.2400, -4.0623,
-3.7185

■ 77.0100, 28.5891,
23.6702

■ 152.3660, -8.5614,
-7.3370

■ 67.5850, 33.2356,
26.6740

■ 162.3780,
-13.4974, -10.8555

■ 57.8720, 38.0241,
30.8073

■ 171.5040,
-17.9965, -14.4740

■ 48.1590, 42.8126,
34.9406

■ 181.2170,
-22.7850, -18.6073

■ 40.5060, 46.5855,

■ 190.3430,

38.1442

-27.2841, -22.2258

 199.4690,
-31.7832, -25.8443

Harmonies

Analogous

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



112.5550, 15.0094, -7.5027



114.6880, 10.0138, 8.1666



114.9300, 2.9925, 20.2324

Triad

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



114.6880, 10.0138, 8.1666



112.9130, -14.7471, 16.7393



105.2240, 6.7916, -31.7684

Complementary

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



114.6880, 10.0138, 8.1666



126.3120, -10.0138, -8.1666

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.



106.9880, -1.9661, -22.7915



114.6880, 10.0138, 8.1666



110.9500, -14.2723, 4.4289

Square

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



114.6880, 10.0138, 8.1666



113.8800, -11.2798, 24.6612



109.1270, -9.4296, -8.8814



106.0480, 13.7803, -33.3681

Rectangle

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



114.6880, 10.0138, 8.1666



114.6980, -1.8231, 24.8209



109.1270, -9.4296, -8.8814



105.5510, 4.1654, -29.4242

Sweetspot

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



114.6880, 10.0138, 8.1666



168.3470, 3.7729, 3.2037



115.7630, 9.4838, -8.5622



84.8800, 2.0312, 1.8592



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



114.6880, 10.0138, 8.1666



143.9150, 15.8179, 13.2295



117.6350, 7.0819, 15.2291



61.8800, 2.0312, 1.8592



39.0390, 44.8438, 36.7998



0.9400, 1.0156, 0.9296

Inverse Universe

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



115.9250, 0.5300, 16.7288



145.8060, 1.0816, 26.4801



123.3650, -7.0819, -15.2291



62.0220, -0.0108, 3.4887



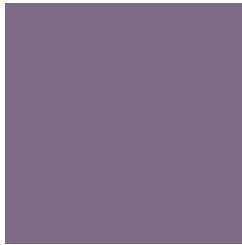
44.4560, 2.2402, 75.0221



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 114.6880, 10.0138, 8.1666 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 114.6880, 10.0138, 8.1666 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 114.6880, 10.0138, 8.1666

Background



This preview shows how black text looks on a background with the YUV color 114.6880, 10.0138, 8.1666.



This preview shows how white text looks on a background with the YUV color 114.6880, 10.0138,

8.1666.

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

114.6880, 10.0138, 8.1666

Protanopia

112.6970, 12.9674, -5.8733

Deuteranopia

113.6330, 10.0409, -0.5551



Tritanopia

113.6140, 2.1623, 6.4775

Trichromacy



Original Color

114.6880, 10.0138, 8.1666

Protanomaly

113.5020, 12.0775, -0.4403

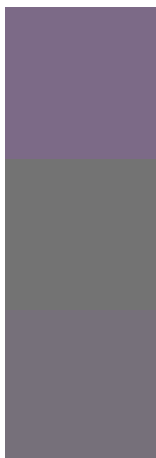
Deuteranomaly

114.2420, 9.7407, 2.4188

Tritanomaly

114.0100, 4.9251, 7.0072

Monochromacy



Original Color

114.6880, 10.0138, 8.1666

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

114.9340, 3.4835, 2.6889

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.6880, 10.0138, 8.1666 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(124, 106, 135)` looks like.

```
.text, #text, p{  
    color:rgb(124, 106, 135)  
}
```

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(124, 106, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 106, 135) }
```

Border

The CSS property to change the border of an element to YUV 114.6880, 10.0138, 8.1666 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(124, 106, 135) }
```


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

```
.border{ border-color:rgb(124, 106, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 106, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 106, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 106, 135);  
box-shadow:4px 4px 4px 4px rgb(124, 106,  
135) }
```

Background

The CSS property to change the background color of an element to YUV 114.6880, 10.0138, 8.1666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 106, 135) }
```

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

```
.background{ background-color: rgb(124,  
106, 135) }
```

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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