

Converting Colors

YUV(116.4580, 12.0992,
-7.4177)

Have a look what the booklet for
YUV(116.4580, 12.0992, -7.4177)
contains.

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Color

**YUV(116.4580, 12.0992,
-7.4177)**

Conversions

Conversions Part 1

Format	Color
Hex	6C748D
RGB	108, 116, 141
RGB Percent	42%, 45%, 55%
CMY	0.5765, 0.5451, 0.4471
CMYK	0.23, 0.18, 0.00, 0.45
HSL	225°, 13%, 49%
HSV	225°, 23%, 55%
XYZ	17.2375, 17.6020, 27.6883
YIQ	116.4580, -12.7930, 6.0790

Conversions

Conversions Part 2

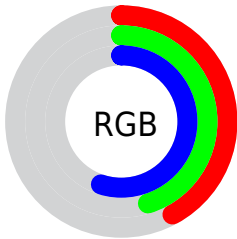
Format	Color
R _Y B	108, 114, 141
Decimal	7107725
CIE Lab	49.01, 2.80, -14.62
CIE LCh	49, 14.890, 280.854
Yxy	17.6020, 0.2757, 0.2815
Android (android.graphics.Color)	4285297805 (0xFF6C748D)
YUV	116.4580, 12.0992, -7.4177
Hunter-Lab	41.9548, -0.0826, -9.7605

Details

The YUV color **116.4580, 12.0992, -7.4177** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **132.5420, -12.0992, 7.4177**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.6860, 12.9728, -7.6176**, and **68.2300, 11.2256, -7.2177** is the 20% darker color. If you saturate the color by 10%, you get **105.8150, 17.3462, -10.3618**, and if you desaturate by 10%, it is **127.1010, 6.8522, -4.4736**.

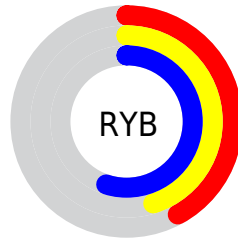
Distribution



Red (42%)

Green (45%)

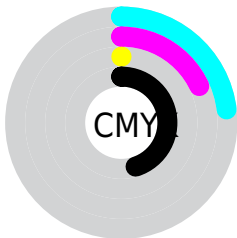
Blue (55%)



Red (42%)

Yellow (45%)

Blue (55%)

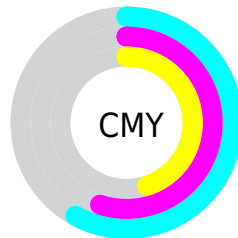


Cyan (23%)

Magenta (18%)

Yellow (0%)

Black (45%)



Cyan (58%)

Magenta (55%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.4580, 12.0992, -7.4177 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 116.4580, 12.0992, -7.4177 by changing the saturation by 10% instead.

■ 116.4580, 12.0992,
-7.4177

■ 116.4580, 12.0992,
-7.4177

■ 255.0000, 0.0000,
0.0000

■ 91.3440, 11.6624,
-7.3177

■ 168.6860, 12.9728,
-7.6176

■ 68.2300, 11.2256,
-7.2177

■ 195.8000, 13.4096,
-7.7176

■ 45.7030, 10.4994,
-7.6325

■ 223.8000, 13.4096,
-7.7176

■ 24.2900, 10.2100,
-8.1473

■ 249.6510, 2.6371,
-5.8329

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,
0.0000

■ 116.4580, 12.0992,
-7.4177

■ 116.4580, 12.0992,
-7.4177

■ 105.8150, 17.3462,
-10.3618

■ 127.1010, 6.8522,
-4.4736

■ 95.7590, 22.3038,
-13.8206

■ 137.1570, 1.8946,
-1.0147

■ 85.1160, 27.5508,
-16.7647

■ 147.8000, -3.3524,
1.9294

■ 74.4730, 32.7978,
-19.7088

■ 158.4430, -8.5994,
4.8735

■ 64.1180, 37.9028,
-23.7825

■ 168.7980,
-13.7044, 8.9472

■ 53.4750, 43.1498,
-26.7266

■ 179.4410,
-18.9514, 11.8912

■ 42.8320, 48.3968,
-29.6707

■ 190.0840,
-24.1984, 14.8353

■ 36.0320, 51.7492,

■ 200.1400,

-31.6001

-29.1560, 18.2942

■ 210.7830,
-34.4030, 21.2383

Harmonies

Analogous

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



113.9080, 12.8634, -19.2133



116.4580, 12.0992, -7.4177



118.3240, 8.7143, 4.9779

Triad

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



116.4580, 12.0992, -7.4177



117.6560, -8.2114, 20.4727



112.3200, -2.1298, -16.9436

Complementary

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



116.4580, 12.0992, -7.4177



132.5420, -12.0992, 7.4177

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.



114.0780, -8.4195, -6.2074



116.4580, 12.0992, -7.4177



116.9990, -11.8315, 14.9099

Square

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



116.4580, 12.0992, -7.4177



118.6220, -3.2646, 20.5025



115.3460, -11.5096, 4.9586



111.6980, 4.5859, -24.2911

Rectangle

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



116.4580, 12.0992, -7.4177



118.4560, 5.1982, 12.7551



115.3460, -11.5096, 4.9586



112.7720, -4.3246, -12.9550

Sweetspot

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



116.4580, 12.0992, -7.4177



174.2430, 4.8102, -2.8441



130.2210, 1.3700, -19.4878



86.0860, 2.9156, -1.8294



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



116.4580, 12.0992, -7.4177



145.5590, 18.9514, -11.8912



114.1540, 13.2351, 1.6189



65.9720, 2.4788, -1.7294



34.7610, 49.4178, -30.4854



2.0860, 2.9156, -1.8294

Inverse Universe

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



118.7790, -1.3700, 19.4878



149.0300, -1.9868, 30.6687



134.8460, -13.2351, -1.6189



66.3210, -0.1583, 4.1035



44.1270, -5.4856, 79.6956



2.6200, -0.3057, 4.7183

Previews

White Background



This preview shows how the YUV color 116.4580, 12.0992, -7.4177 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 116.4580, 12.0992, -7.4177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

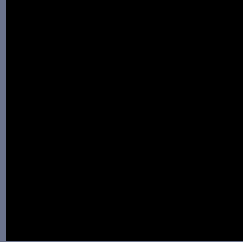
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

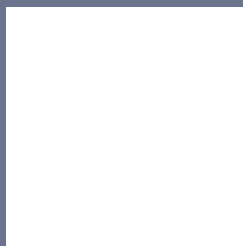
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 116.4580, 12.0992, -7.4177

Background



This preview shows how black text looks on a background with the YUV color 116.4580, 12.0992, -7.4177.



This preview shows how white text looks on a background with the YUV color 116.4580, 12.0992, -7.4177.

-7.4177.

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

116.4580, 12.0992, -7.4177

Protanopia

116.6540, 11.5096, -4.9586

Deuteranopia

117.3770, 11.6461, -2.0846



Tritanopia

115.2530, 6.2843, -8.9919

Trichromacy



Original Color

116.4580, 12.0992, -7.4177

Protanomaly

116.3550, 11.6570, -5.5733

Deuteranomaly

117.0670, 11.7990, -4.4438

Tritanomaly

115.5350, 8.6102, -8.3622

Monochromacy



Original Color

116.4580, 12.0992, -7.4177

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

116.1290, 4.3734, -2.7441

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.4580, 12.0992, -7.4177 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, 116, 141)` looks like.

```
.text, #text, p{  
    color:rgb(108, 116, 141)  
}
```

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, 116, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 116, 141) }
```

Border

The CSS property to change the border of an element to YUV 116.4580, 12.0992, -7.4177 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, 116, 141) }
```


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

```
.border{ border-color:rgb(108, 116, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 116, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 116, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 116, 141);  
box-shadow:4px 4px 4px 4px rgb(108, 116,  
141) }
```

Background

The CSS property to change the background color of an element to YUV 116.4580, 12.0992, -7.4177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 116, 141) }
```

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

```
.background{ background-color: rgb(108,  
116, 141) }
```

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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