

Converting Colors

YUV(115.4880, -0.2406,
-16.2140)

Have a look what the booklet for
YUV(115.4880, -0.2406, -16.2140)
contains.

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Color

**YUV(115.4880, -0.2406,
-16.2140)**

Conversions

Conversions Part 1

Format	Color
Hex	617D73
RGB	97, 125, 115
RGB Percent	38%, 49%, 45%
CMY	0.6196, 0.5098, 0.5490
CMYK	0.22, 0.00, 0.08, 0.51
HSL	159°, 13%, 44%
HSV	159°, 22%, 49%
XYZ	15.3579, 18.4464, 18.9707
YIQ	115.4880, -13.4780, -9.0460

Conversions

Conversions Part 2

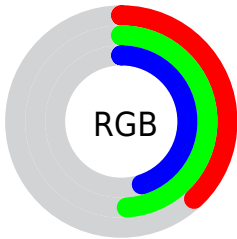
Format	Color
R_{YB}	97, 114, 125
Decimal	6389107
CIE _{Lab}	50.03, -12.29, 2.15
CIE _{LCh}	50, 12.478, 170.099
Yxy	18.4464, 0.2910, 0.3495
Android (android.graphics.Color)	4284579187 (0xFF617D73)
YUV	115.4880, -0.2406, -16.2140
Hunter-Lab	42.9493, -11.3329, 3.8761

Details

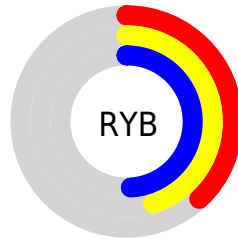
The YUV color **115.4880, -0.2406, -16.2140** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **106.5120, 0.2406, 16.2140**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.7760, -0.3826, -17.3436**, and **67.2000, -0.0986, -15.0844** is the 20% darker color. If you saturate the color by 10%, you get **111.1450, -0.0715, -23.8062**, and if you desaturate by 10%, it is **119.8310, -0.4097, -8.6218**.

Distribution



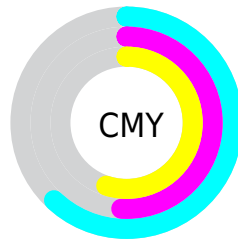
- Red (38%)
- Green (49%)
- Blue (45%)



- Red (38%)
- Yellow (45%)
- Blue (49%)



- Cyan (22%)
- Magenta (0%)
- Yellow (8%)
- Black (51%)



- Cyan (62%)
- Magenta (51%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.4880, -0.2406, -16.2140 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 115.4880, -0.2406, -16.2140 by changing the saturation by 10% instead.

■ 115.4880, -0.2406,
-16.2140

■ 115.4880, -0.2406,
-16.2140

255.0000, 0.0000,
0.0000

■ 90.7870, -0.3880,
-15.5992

■ 167.7760, -0.3826,
-17.3436

■ 67.2000, -0.0986,
-15.0844

■ 194.7760, -0.3826,
-17.3436

■ 44.6130, 0.1908,
-14.5696

■ 222.4770, -0.2352,
-17.9583

■ 23.3140, 0.3382,
-15.1844

■ 247.2540, 1.3538,
-14.2548

■ 0.0000, 0.0000,
0.0000

■ 115.4880, -0.2406,

■ 115.4880, -0.2406,

-16.2140

-16.2140

■ 111.1450, -0.0715,
-23.8062

■ 119.8310, -0.4097,
-8.6218

■ 106.9870, -0.4866,
-30.6836

■ 123.9890, 0.0054,
-1.7444

■ 102.6440, -0.3175,
-38.2758

■ 128.3320, -0.1637,
5.8478

■ 98.4860, -0.7326,
-45.1532

■ 132.4900, 0.2514,
12.7253

■ 94.1430, -0.5635,
-52.7454

■ 136.8330, 0.0823,
20.3175

■ 89.9850, -0.9786,
-59.6228


■ 140.9910, 0.4974,
27.1949

■ 85.6420, -0.8095,
-67.2150

■ 145.3340, 0.3283,
34.7871

■ 82.4950, -1.2300,
-72.3481

■ 149.4920, 0.7434,
41.6645

 153.8350, 0.5743,
49.2567

Harmonies

Analogous

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



116.4630, -5.6513, -7.4221



115.4880, -0.2406, -16.2140



114.9480, 5.4486, -21.0024

Triad

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



115.4880, -0.2406, -16.2140



120.0950, 9.3202, -2.7143



120.2210, -8.4900, 16.4692

Complementary

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



115.4880, -0.2406, -16.2140



106.5120, 0.2406, 16.2140

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.



120.9700, -4.4222, 18.4433



115.4880, -0.2406, -16.2140



120.6510, 6.0881, 7.3221

Square

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



115.4880, -0.2406, -16.2140



117.7840, 10.9525, -12.9656



121.0280, 0.9722, 14.8844



119.0200, -10.3629, 10.5065

Rectangle

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



115.4880, -0.2406, -16.2140



115.3440, 8.2114, -20.4727



121.0280, 0.9722, 14.8844



120.2750, -7.0376, 17.2988

Sweetspot

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



115.4880, -0.2406, -16.2140



159.2550, -0.1257, -6.3626



116.4260, -9.5770, -8.2666



79.5650, -0.2785, -4.0035



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.



115.4880, -0.2406, -16.2140



148.0200, -0.5029, -25.4505



114.2800, 5.2850, -15.1546



61.5650, -0.2785, -4.0035



84.4840, -1.2246, -74.0925



0.0000, 0.0000, 0.0000

Inverse Universe

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



106.5120, 0.2406, 16.2140



133.9800, 0.5029, 25.4505



107.7200, -5.2850, 15.1546



59.4350, 0.2785, 4.0035



43.5160, 1.2246, 74.0925



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 115.4880, -0.2406, -16.2140 looks on a white 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

Black Background



This preview shows how the YUV color 115.4880, -0.2406, -16.2140 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 115.4880, -0.2406, -16.2140

Background



This preview shows how black text looks on a background with the YUV color 115.4880, -0.2406, -16.2140.



This preview shows how white text looks on a background with the YUV color 115.4880, -0.2406,

-16.2140.

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

115.4880, -0.2406, -16.2140

Protanopia

118.6970, -3.7946, 3.7737

Deuteranopia

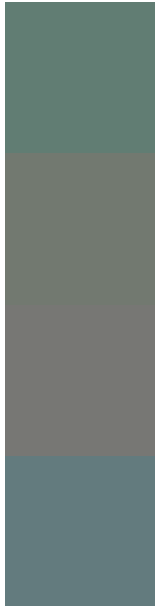
120.0120, -1.4849, 9.6365



Tritanopia

116.5620, 7.6109, -14.5249

Trichromacy



Original Color

115.4880, -0.2406, -16.2140

Protanomaly

117.8810, -2.8993, -3.4036

Deuteranomaly

118.6580, -1.3104, 0.2999

Tritanomaly

116.1660, 4.8482, -15.0546

Monochromacy



Original Color

115.4880, -0.2406, -16.2140

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

115.2550, -0.1257, -6.3626

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.4880, -0.2406, -16.2140 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(97, 125, 115)` looks like.

```
.text, #text, p{  
    color:rgb(97, 125, 115)  
}
```

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(97, 125, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 125, 115) }
```

Border

The CSS property to change the border of an element to YUV 115.4880, -0.2406, -16.2140 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(97, 125, 115) }
```


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

```
.border{ border-color:rgb(97, 125, 115) }
```

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

Here you see how a box with a 4 pixel rgb(97, 125, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 125, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 125, 115);  
box-shadow:4px 4px 4px 4px rgb(97, 125,  
115) }
```

Background

The CSS property to change the background color of an element to YUV 115.4880, -0.2406, -16.2140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 125, 115) }
```

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

```
.background{ background-color: rgb(97, 125,  
115) }
```

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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