

Converting Colors

YUV(119.8410, 1.0644,
-14.7696)

Have a look what the booklet for
YUV(119.8410, 1.0644, -14.7696)
contains.

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Color

**YUV(119.8410, 1.0644,
-14.7696)**

Conversions

Conversions Part 1

Format	Color
Hex	67807A
RGB	103, 128, 122
RGB Percent	40%, 50%, 48%
CMY	0.5961, 0.4980, 0.5216
CMYK	0.20, 0.00, 0.05, 0.50
HSL	166°, 11%, 45%
HSV	166°, 20%, 50%
XYZ	16.8255, 19.7270, 21.3333
YIQ	119.8410, -12.9740, -7.1660

Conversions

Conversions Part 2

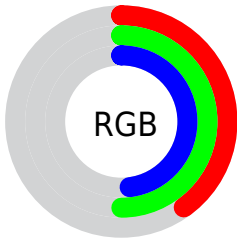
Format	Color
R_{YB}	103, 117, 128
Decimal	6783098
CIE _{Lab}	51.53, -10.32, 0.26
CIE _{LCh}	52, 10.323, 178.531
Yxy	19.7270, 0.2907, 0.3408
Android (android.graphics.Color)	4284973178 (0xFF67807A)
YUV	119.8410, 1.0644, -14.7696
Hunter-Lab	44.4151, -10.1063, 2.6127

Details

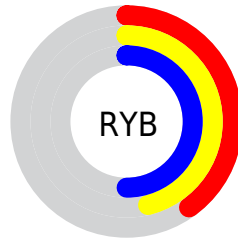
The YUV color **119.8410, 1.0644, -14.7696** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **111.1590, -1.0644, 14.7696**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.1290, 0.9224, -15.8991**, and **71.1400, 0.9170, -14.1548** is the 20% darker color. If you saturate the color by 10%, you get **115.6120, 1.6703, -22.4617**, and if you desaturate by 10%, it is **124.0700, 0.4585, -7.0774**.

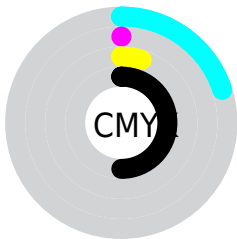
Distribution



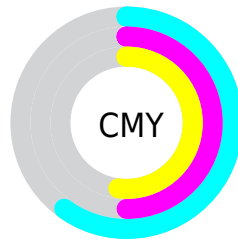
- Red (40%)
- Green (50%)
- Blue (48%)



- Red (40%)
- Yellow (46%)
- Blue (50%)



- Cyan (20%)
- Magenta (0%)
- Yellow (5%)
- Black (50%)



- Cyan (60%)
- Magenta (50%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.8410, 1.0644, -14.7696 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 119.8410, 1.0644, -14.7696 by changing the saturation by 10% instead.

■ 119.8410, 1.0644,
-14.7696

■ 119.8410, 1.0644,
-14.7696

■ 255.0000, 0.0000,
0.0000

■ 95.1400, 0.9170,
-14.1548

■ 172.1290, 0.9224,
-15.8991

■ 71.1400, 0.9170,
-14.1548

■ 199.2430, 1.3592,
-15.9991

■ 48.5530, 1.2064,
-13.6400

■ 227.8300, 1.0698,
-16.5139

■ 26.9660, 1.4958,
-13.1252

■ 249.6180, 2.6533,
-11.0660

■ 7.0270, -0.9993,
-6.1627

■ 0.0000, 0.0000,
0.0000

■ 119.8410, 1.0644,
-14.7696

■ 119.8410, 1.0644,
-14.7696

■ 115.6120, 1.6703,
-22.4617

■ 124.0700, 0.4585,
-7.0774

■ 111.3830, 2.2762,
-30.1539

■ 128.2990, -0.1474,
0.6148

■ 107.4530, 2.7347,
-37.2313

■ 132.2290, -0.6059,
7.6922

■ 103.2240, 3.3406,
-44.9234

■ 136.4580, -1.2118,
15.3843

■ 98.9950, 3.9465,
-52.6156

■ 140.6870, -1.8177,
23.0765

■ 94.7660, 4.5524,
-60.3078

■ 144.9160, -2.4236,
30.7687

■ 90.4230, 4.7215,
-67.9000

■ 149.2590, -2.5927,
38.3609

■ 86.4930, 5.1800,

■ 153.1890, -3.0512,

-74.9774

45.4382

■ 86.1940, 5.3274,
-75.5921

■ 157.4180, -3.6571,
53.1304

Harmonies

Analogous

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



120.6200, -3.7567, -8.4367



119.8410, 1.0644, -14.7696



119.9700, 5.4378, -17.5137

Triad

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



119.8410, 1.0644, -14.7696



123.8350, 6.9833, 0.1447



123.4270, -7.6055, 12.7805

Complementary

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



119.8410, 1.0644, -14.7696



111.1590, -1.0644, 14.7696

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.



124.2470, -4.5588, 15.5694



119.8410, 1.0644, -14.7696



124.3800, 3.7567, 8.4367

Square

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



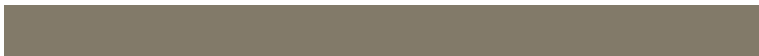
119.8410, 1.0644, -14.7696



122.5350, 8.6102, -8.3622



124.6750, -0.3328, 13.4400



122.4540, -8.6048, 6.6178

Rectangle

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



119.8410, 1.0644, -14.7696



120.5510, 7.6164, -16.2692



124.6750, -0.3328, 13.4400



123.6660, -6.7373, 14.3249

Sweetspot

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



119.8410, 1.0644, -14.7696



162.6680, 0.1637, -5.8478



119.4690, -8.1192, -9.1813



82.0920, 0.4476, -3.5887



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



119.8410, 1.0644, -14.7696



153.6120, 1.6703, -22.4617



117.0030, 5.4215, -12.2806



61.6790, 0.1583, -4.1035



86.1940, 5.3274, -75.5921



0.0000, 0.0000, 0.0000

Inverse Universe

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



111.1590, -1.0644, 14.7696



140.3880, -1.6703, 22.4617



113.9970, -5.4215, 12.2806



59.3210, -0.1583, 4.1035



41.8060, -5.3274, 75.5921



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 119.8410, 1.0644, -14.7696 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 119.8410, 1.0644, -14.7696 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

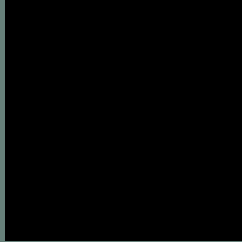
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 119.8410, 1.0644, -14.7696

Background



This preview shows how black text looks on a background with the YUV color 119.8410, 1.0644, -14.7696.



This preview shows how white text looks on a background with the YUV color 119.8410, 1.0644, -14.7696.

-14.7696.

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

119.8410, 1.0644, -14.7696

Protanopia

122.8540, -1.9000, 2.7590

Deuteranopia

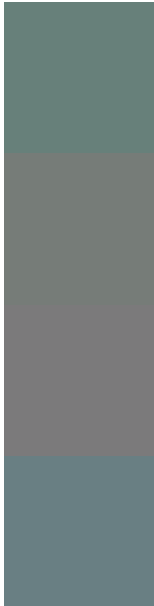
124.0550, -0.0271, 8.7218



Tritanopia

121.1600, 7.3161, -13.2953

Trichromacy



Original Color

119.8410, 1.0644, -14.7696

Protanomaly

121.7500, -0.8628, -3.2887

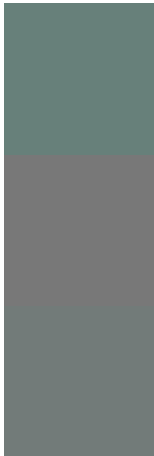
Deuteranomaly

122.4130, 0.2894, 0.5148

Tritanomaly

120.8780, 4.9901, -13.9250

Monochromacy



Original Color

119.8410, 1.0644, -14.7696

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

120.0810, 0.4531, -5.3330

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.8410, 1.0644, -14.7696 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(103, 128, 122)` looks like.

```
.text, #text, p{  
    color:rgb(103, 128, 122)  
}
```

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(103, 128, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 128, 122) }
```

Border

The CSS property to change the border of an element to YUV 119.8410, 1.0644, -14.7696 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(103, 128, 122) }
```


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

```
.border{ border-color:rgb(103, 128, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 128, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 128, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 128, 122);  
box-shadow:4px 4px 4px 4px rgb(103, 128,  
122) }
```

Background

The CSS property to change the background color of an element to YUV 119.8410, 1.0644, -14.7696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 128, 122) }
```

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

```
.background{ background-color: rgb(103,  
128, 122) }
```

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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