

Converting Colors

YUV(118.3510, 4.2640,
-14.3398)

Have a look what the booklet for
YUV(118.3510, 4.2640, -14.3398)
contains.

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Color

**YUV(118.3510, 4.2640,
-14.3398)**

Conversions

Conversions Part 1

Format	Color
Hex	667D7F
RGB	102, 125, 127
RGB Percent	40%, 49%, 50%
CMY	0.6000, 0.5098, 0.5020
CMYK	0.20, 0.02, 0.00, 0.50
HSL	185°, 11%, 45%
HSV	185°, 20%, 50%
XYZ	16.6439, 19.0243, 22.8735
YIQ	118.3510, -14.3500, -4.2540

Conversions

Conversions Part 2

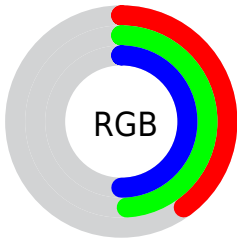
Format	Color
R_{YB}	102, 114, 127
Decimal	6716799
CIE _{Lab}	50.72, -7.84, -3.87
CIE _{LCh}	51, 8.737, 206.258
Yxy	19.0243, 0.2843, 0.3250
Android (android.graphics.Color)	4284906879 (0xFF667D7F)
YUV	118.3510, 4.2640, -14.3398
Hunter-Lab	43.6169, -8.2153, -0.5610

Details

The YUV color **118.3510, 4.2640, -14.3398** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **110.6490, -4.2640, 14.3398**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.7530, 4.5588, -15.5694**, and **69.6500, 4.1166, -13.7250** is the 20% darker color. If you saturate the color by 10%, you get **113.8770, 6.4696, -21.8171**, and if you desaturate by 10%, it is **122.8250, 2.0583, -6.8625**.

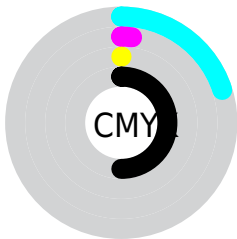
Distribution



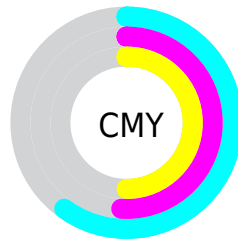
- Red (40%)
- Green (49%)
- Blue (50%)



- Red (40%)
- Yellow (45%)
- Blue (50%)



- Cyan (20%)
- Magenta (2%)
- Yellow (0%)
- Black (50%)



- Cyan (60%)
- Magenta (51%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.3510, 4.2640, -14.3398 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 118.3510, 4.2640, -14.3398 by changing the saturation by 10% instead.

■ 118.3510, 4.2640,
-14.3398

■ 118.3510, 4.2640,
-14.3398

■ 255.0000, 0.0000,
0.0000

■ 93.6500, 4.1166,
-13.7250

■ 170.7530, 4.5588,
-15.5694

■ 69.6500, 4.1166,
-13.7250

■ 197.7530, 4.5588,
-15.5694

■ 46.9490, 3.9691,
-13.1103

■ 225.7530, 4.5588,
-15.5694

■ 25.9490, 3.9691,
-13.1103

■ 249.3190, 2.8007,
-11.6808

■ 4.3030, 3.7946,
-3.7737

■ 0.0000, 0.0000,
0.0000

■ 118.3510, 4.2640,
-14.3398

■ 118.3510, 4.2640,
-14.3398

■ 113.8770, 6.4696,
-21.8171

■ 122.8250, 2.0583,
-6.8625

■ 109.7020, 8.5279,
-28.6797

■ 127.0000, 0.0000,
0.0000

■ 105.2280, 10.7336,
-36.1570

■ 131.4740, -2.2057,
7.4773

■ 100.7540, 12.9393,
-43.6343

■ 135.9480, -4.4114,
14.9546

■ 96.5790, 14.9976,
-50.4968

■ 140.1230, -6.4696,
21.8171

■ 92.1050, 17.2032,
-57.9741

■ 144.5970, -8.6753,
29.2944

■ 87.6310, 19.4089,
-65.4514


■ 149.0710,
-10.8810, 36.7717

■ 83.1570, 21.6146,

■ 153.5450,

-72.9287

-13.0867, 44.2490

 157.7200,
-15.1450, 51.1116

Harmonies

Analogous

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



118.3360, 0.3274, -11.6957



118.3510, 4.2640, -14.3398



119.3450, 6.7319, -12.5806

Triad

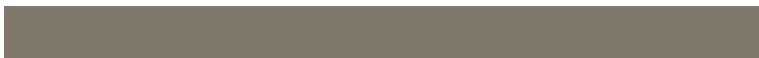
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



118.3510, 4.2640, -14.3398



122.2550, 3.3253, 6.7924



120.7960, -7.2944, 6.3179

Complementary

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



118.3510, 4.2640, -14.3398



110.6490, -4.2640, 14.3398

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.



121.7580, -6.2897, 10.7362



118.3510, 4.2640, -14.3398



122.3650, -0.1799, 11.0809

Square

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



118.3510, 4.2640, -14.3398



121.3080, 6.2572, -0.2701



122.0510, -3.9691, 13.1103



119.6920, -6.2572, 0.2701

Rectangle

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



118.3510, 4.2640, -14.3398



119.5950, 7.5947, -9.2918



122.0510, -3.9691, 13.1103



120.8070, -7.2999, 8.0623

Sweetspot

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



118.3510, 4.2640, -14.3398



162.4230, 1.7635, -5.6330



116.9030, -6.3612, -13.0699



82.2060, 0.8844, -3.6887



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.



118.3510, 4.2640, -14.3398



152.2790, 6.7645, -23.0467



111.3070, 7.7366, -8.1622



61.3200, 1.3212, -3.7886



83.2710, 22.0514, -73.0287



0.0000, 0.0000, 0.0000

Inverse Universe

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



112.0970, 6.3612, 13.0699



142.1780, 10.2652, 20.8919



117.6930, -7.7366, 8.1622



59.7770, 1.5889, 3.7036



51.6100, 32.2373, 66.9940



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 118.3510, 4.2640, -14.3398 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 118.3510, 4.2640, -14.3398 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

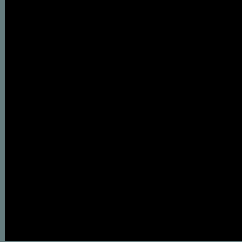
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 118.3510, 4.2640, -14.3398

Background



This preview shows how black text looks on a background with the YUV color 118.3510, 4.2640, -14.3398.



This preview shows how white text looks on a background with the YUV color 118.3510, 4.2640,

-14.3398.

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

118.3510, 4.2640, -14.3398

Protanopia

121.0540, 1.4524, 0.8296

Deuteranopia

121.6570, 3.6201, 5.5628



Tritanopia

118.8610, 7.4635, -13.9101

Trichromacy



Original Color

118.3510, 4.2640, -14.3398

Protanomaly

120.2490, 2.3422, -4.6034

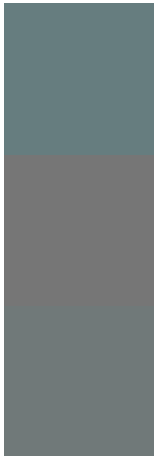
Deuteranomaly

120.6130, 3.6418, -1.4146

Tritanomaly

118.5190, 6.1531, -13.6102

Monochromacy



Original Color

118.3510, 4.2640, -14.3398

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

118.3090, 1.3267, -5.5330

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.3510, 4.2640, -14.3398 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(102, 125, 127)` looks like.

```
.text, #text, p{  
    color:rgb(102, 125, 127)  
}
```

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(102, 125, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 125, 127) }
```

Border

The CSS property to change the border of an element to YUV 118.3510, 4.2640, -14.3398 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(102, 125, 127) }
```


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

```
.border{ border-color:rgb(102, 125, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 125, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 125, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 125, 127);  
box-shadow:4px 4px 4px 4px rgb(102, 125,  
127) }
```

Background

The CSS property to change the background color of an element to YUV 118.3510, 4.2640, -14.3398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 125, 127) }
```

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

```
.background{ background-color: rgb(102,  
125, 127) }
```

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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