

Converting Colors

YUV(118.2640, 2.8278,
-20.4025)

Have a look what the booklet for
YUV(118.2640, 2.8278, -20.4025)
contains.

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Color

**YUV(118.2640, 2.8278,
-20.4025)**

Conversions

Conversions Part 1

Format	Color
Hex	5F817C
RGB	95, 129, 124
RGB Percent	37%, 51%, 49%
CMY	0.6275, 0.4941, 0.5137
CMYK	0.26, 0.00, 0.04, 0.49
HSL	171°, 15%, 44%
HSV	171°, 26%, 51%
XYZ	16.2077, 19.5886, 21.9955
YIQ	118.2640, -18.6590, -8.7630

Conversions

Conversions Part 2

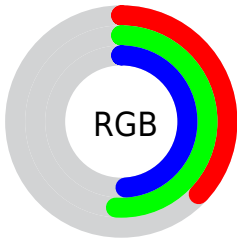
Format	Color
R_{YB}	95, 113, 129
Decimal	6259068
CIE _{Lab}	51.37, -13.12, -1.20
CIE _{LCh}	51, 13.171, 185.219
Yxy	19.5886, 0.2804, 0.3390
Android (android.graphics.Color)	4284449148 (0xFF5F817C)
YUV	118.2640, 2.8278, -20.4025
Hunter-Lab	44.2591, -12.0867, 1.5158

Details

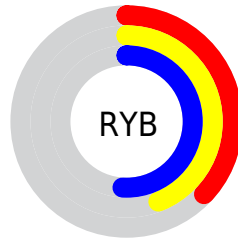
The YUV color $[118.2640, 2.8278, -20.4025]$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $[105.7360, -2.8278, 20.4025]$, and the grayscale version is $[118.0000, 0.0000, 0.0000]$.

A 20% lighter version of the original color is $[170.5520, 2.6859, -21.5321]$, and $[69.5630, 2.6804, -19.7878]$ is the 20% darker color. If you saturate the color by 10%, you get $[114.1490, 3.8705, -28.1947]$, and if you desaturate by 10%, it is $[122.3790, 1.7852, -12.6104]$.

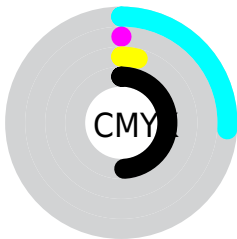
Distribution



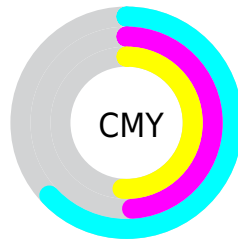
- Red (37%)
- Green (51%)
- Blue (49%)



- Red (37%)
- Yellow (44%)
- Blue (51%)



- Cyan (26%)
- Magenta (0%)
- Yellow (4%)
- Black (49%)



- Cyan (63%)
- Magenta (49%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.2640, 2.8278, -20.4025 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 118.2640, 2.8278, -20.4025 by changing the saturation by 10% instead.

■ 118.2640, 2.8278,
-20.4025

■ 118.2640, 2.8278,
-20.4025

■ 255.0000, 0.0000,
0.0000

■ 93.5630, 2.6804,
-19.7878

■ 170.5520, 2.6859,
-21.5321

■ 69.5630, 2.6804,
-19.7878

■ 198.2530, 2.8333,
-22.1469

■ 46.6770, 3.1172,
-19.8877

■ 226.2530, 2.8333,
-22.1469

■ 24.7910, 3.5540,
-19.9877

■ 247.2260, 3.8326,
-15.9842

■ 6.7820, 0.6005,
-5.9478

■ 0.0000, 0.0000,
0.0000

■ 118.2640, 2.8278,
-20.4025

■ 118.2640, 2.8278,
-20.4025

■ 114.1490, 3.8705,
-28.1947

■ 122.3790, 1.7852,
-12.6104

■ 110.0340, 4.9132,
-35.9868

■ 126.4940, 0.7425,
-4.8182

■ 105.9190, 5.9559,
-43.7790

■ 130.6090, -0.3002,
2.9739

■ 101.8040, 6.9986,
-51.5711

■ 134.7240, -1.3429,
10.7661

■ 97.8030, 8.4781,
-59.4632

■ 138.7250, -2.8224,
18.6582

■ 93.9870, 9.3734,
-66.6406

■ 142.5410, -3.7177,
25.8355

■ 89.8720, 10.4161,
-74.4327

■ 146.6560, -4.7604,
33.6277

■ 88.2630, 10.7163,

■ 150.7710, -5.8031,

-77.4067

41.4198

■ 154.8860, -6.8458,
49.2120

Harmonies

Analogous

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



119.1140, -3.0142, -13.2550



118.2640, 2.8278, -20.4025



118.3330, 8.2168, -22.2170

Triad

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



118.2640, 2.8278, -20.4025



123.9000, 8.4303, 2.7187



123.3410, -10.5211, 14.6099

Complementary

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



118.2640, 2.8278, -20.4025



105.7360, -2.8278, 20.4025

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.



123.9870, -6.8956, 18.4284



118.2640, 2.8278, -20.4025



124.7010, 3.5984, 12.5402

Square

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



118.2640, 2.8278, -20.4025



122.2190, 11.2310, -8.9621



124.6540, -1.8014, 17.8434



121.5850, -10.6414, 6.5030

Rectangle

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



118.2640, 2.8278, -20.4025



119.2130, 10.2480, -20.3578



124.6540, -1.8014, 17.8434



122.9930, -9.3635, 16.6691

Sweetspot

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



118.2640, 2.8278, -20.4025



163.8850, 1.0427, -7.7921



116.4530, -10.5763, -14.4293



81.4940, 0.7425, -4.8182



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.



118.2640, 2.8278, -20.4025



150.9420, 4.4656, -32.3981



111.7900, 8.4845, -14.7248



61.7930, 0.5951, -4.2035



87.5620, 10.5689, -76.7919



0.0000, 0.0000, 0.0000

Inverse Universe

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



105.7360, -2.8278, 20.4025



131.0580, -4.4656, 32.3981



112.2100, -8.4845, 14.7248



59.2070, -0.5951, 4.2035



40.4380, -10.5689, 76.7919



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 118.2640, 2.8278, -20.4025 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 118.2640, 2.8278, -20.4025 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

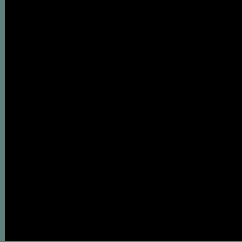
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 118.2640, 2.8278, -20.4025

Background



This preview shows how black text looks on a background with the YUV color 118.2640, 2.8278, -20.4025.



This preview shows how white text looks on a background with the YUV color 118.2640, 2.8278,

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

118.2640, 2.8278, -20.4025

Protanopia

122.0820, -1.0264, 2.5591

Deuteranopia

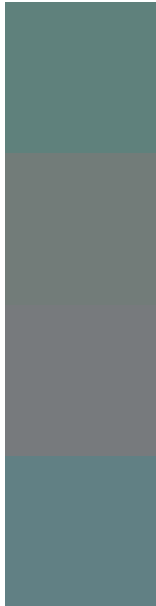
123.0980, 1.4307, 7.8071



Tritanopia

119.4690, 8.6428, -18.8283

Trichromacy



Original Color

118.2640, 2.8278, -20.4025

Protanomaly

120.6680, 0.1637, -5.8478

Deuteranomaly

121.4450, 1.7526, -2.1443

Tritanomaly

119.1870, 6.3168, -19.4580

Monochromacy



Original Color

118.2640, 2.8278, -20.4025

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

118.1840, 0.8953, -7.1774

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.2640, 2.8278, -20.4025 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(95, 129, 124)` looks like.

```
.text, #text, p{  
    color:rgb(95, 129, 124)  
}
```

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(95, 129, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 129, 124) }
```

Border

The CSS property to change the border of an element to YUV 118.2640, 2.8278, -20.4025 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(95, 129, 124) }
```


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

```
.border{ border-color:rgb(95, 129, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 129, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 129, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 129, 124);  
box-shadow:4px 4px 4px 4px rgb(95, 129,  
124) }
```

Background

The CSS property to change the background color of an element to YUV 118.2640, 2.8278, -20.4025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 129, 124) }
```

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

```
.background{ background-color: rgb(95, 129,  
124) }
```

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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