

Converting Colors

YUV(119.8180, 9.4567, 0.1596)

Have a look what the booklet for
YUV(119.8180, 9.4567, 0.1596)
contains.

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Color

**YUV(119.8180, 9.4567,
0.1596)**

Conversions

Conversions Part 1

Format	Color
Hex	78748B
RGB	120, 116, 139
RGB Percent	47%, 45%, 55%
CMY	0.5294, 0.5451, 0.4549
CMYK	0.14, 0.17, 0.00, 0.45
HSL	250°, 9%, 50%
HSV	250°, 17%, 55%
XYZ	18.6513, 18.3479, 26.9846
YIQ	119.8180, -4.9990, 8.0010

Conversions

Conversions Part 2

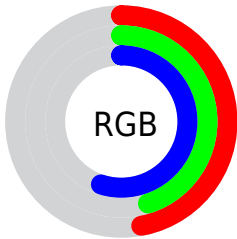
Format	Color
R_{YB}	120, 116, 139
Decimal	7894155
CIE _{Lab}	49.92, 6.44, -11.98
CIE _{LCh}	50, 13.599, 298.247
Yxy	18.3479, 0.2915, 0.2868
Android (android.graphics.Color)	4286084235 (0xFF78748B)
YUV	119.8180, 9.4567, 0.1596
Hunter-Lab	42.8345, 2.7635, -7.3670

Details

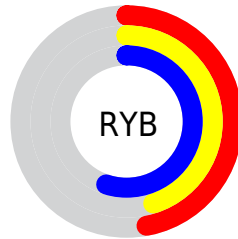
The YUV color $[119.8180, 9.4567, 0.1596]$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $[135.1820, -9.4567, -0.1596]$, and the grayscale version is $[120.0000, 0.0000, 0.0000]$.

A 20% lighter version of the original color is $[172.0460, 10.3303, -0.0403]$, and $[71.2910, 8.7305, -0.2552]$ is the 20% darker color. If you saturate the color by 10%, you get $[108.3110, 15.1297, 0.6043]$, and if you desaturate by 10%, it is $[131.3250, 3.7838, -0.2850]$.

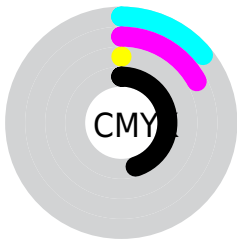
Distribution



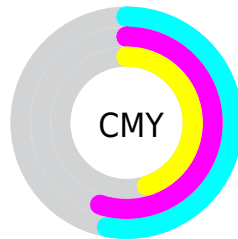
- Red (47%)
- Green (45%)
- Blue (55%)



- Red (47%)
- Yellow (45%)
- Blue (55%)



- Cyan (14%)
- Magenta (17%)
- Yellow (0%)
- Black (45%)



- Cyan (53%)
- Magenta (55%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.8180, 9.4567, 0.1596 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 119.8180, 9.4567, 0.1596 by changing the saturation by 10% instead.

■ 119.8180, 9.4567,
0.1596

■ 119.8180, 9.4567,
0.1596

■ 255.0000, 0.0000,
0.0000

■ 94.8180, 9.4567,
0.1596

■ 172.0460, 10.3303,
-0.0403

■ 71.2910, 8.7305,
-0.2552

■ 199.3450, 10.1829,
0.5744

■ 49.1770, 8.2937,
-0.1552

■ 227.4590, 10.6197,
0.4745

■ 27.6500, 7.5676,
-0.5700

■ 253.2390, 0.8682,
1.5444

■ 3.2200, 9.7515,
-1.0699

■ 0.0000, 0.0000,
0.0000

■ 119.8180, 9.4567,
0.1596

■ 119.8180, 9.4567,
0.1596

■ 108.3110, 15.1297,
0.6043

■ 131.3250, 3.7838,
-0.2850

■ 96.5050, 20.9500,
0.4341

■ 143.1310, -2.0366,
-0.1149

■ 84.9980, 26.6230,
0.8788

■ 154.6380, -7.7095,
-0.5595

■ 73.1920, 32.4433,
0.7086

■ 166.4440,
-13.5299, -0.3894

■ 62.2720, 37.8269,
0.6385

■ 177.9510,
-19.2028, -0.8340

■ 50.4660, 43.6473,
0.4683

■ 189.1700,
-24.7338, -0.1491

■ 38.9590, 49.3202,
0.9130

■ 200.6770,
-30.4068, -0.5937

■ 27.1530, 55.1406,

■ 212.4830,

0.7428

-36.2271, -0.4236

■ 23.0220, 57.1772,
0.8577

■ 223.9900,
-41.9001, -0.8682

Harmonies

Analogous

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



118.0230, 11.8207, -11.4212



119.8180, 9.4567, 0.1596



121.0320, 4.9142, 10.4959

Triad

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



119.8180, 9.4567, 0.1596



119.4660, -10.0897, 16.2543



114.3350, 1.8068, -19.5878

Complementary

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



119.8180, 9.4567, 0.1596



135.1820, -9.4567, -0.1596

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.



115.6690, -4.7668, -11.1107



119.8180, 9.4567, 0.1596



118.4820, -11.0836, 8.3473

Square

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



119.8180, 9.4567, 0.1596



120.2260, -6.0274, 19.9728



116.8830, -9.3093, -0.7744



114.3930, 7.2013, -23.1467

Rectangle

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



119.8180, 9.4567, 0.1596



120.8540, 1.5510, 15.9140



116.8830, -9.3093, -0.7744



114.7760, -0.3826, -17.3436

Sweetspot

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



119.8180, 9.4567, 0.1596



173.6240, 3.6364, 0.3298



129.7750, 4.5479, -12.0807



86.9830, 2.4734, 0.0149



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.



119.8180, 9.4567, 0.1596



150.8980, 14.8403, 0.0895



123.1070, 7.8352, 6.9222



63.0970, 2.9102, -0.0851



22.0390, 54.7038, 0.8428



0.8690, 2.0366, 0.1149

Inverse Universe

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



125.0430, 4.9088, 12.2403



159.1840, 7.7973, 19.1326



131.8930, -7.8352, -6.9222



64.7770, 1.5889, 3.7036



52.3070, 28.4426, 70.7678



1.9510, 1.0102, 2.6740

Previews

White Background



This preview shows how the YUV color 119.8180, 9.4567, 0.1596 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 119.8180, 9.4567, 0.1596 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

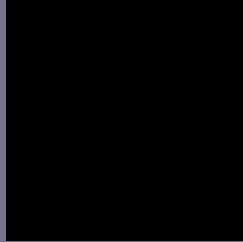
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 119.8180, 9.4567, 0.1596

Background



This preview shows how black text looks on a background with the YUV color 119.8180, 9.4567, 0.1596.



This preview shows how white text looks on a background with the YUV color 119.8180, 9.4567,

0.1596.

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

119.8180, 9.4567, 0.1596

Protanopia

119.3120, 10.1992, -4.6586

Deuteranopia

119.8180, 9.4567, 0.1596



Tritanopia

119.0260, 3.9312, -0.8998

Trichromacy



Original Color

119.8180, 9.4567, 0.1596

Protanomaly

119.3230, 10.1938, -2.9143

Deuteranomaly

119.8180, 9.4567, 0.1596

Tritanomaly

119.1940, 5.8204, -0.1701

Monochromacy



Original Color

119.8180, 9.4567, 0.1596

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

120.2110, 3.3470, -0.1850

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.8180, 9.4567, 0.1596 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(120, 116, 139)` looks like.

```
.text, #text, p{  
    color:rgb(120, 116, 139)  
}
```

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(120, 116, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 116, 139) }
```

Border

The CSS property to change the border of an element to YUV 119.8180, 9.4567, 0.1596 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(120, 116, 139) }
```


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

```
.border{ border-color:rgb(120, 116, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 116, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 116, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 116, 139);  
box-shadow:4px 4px 4px 4px rgb(120, 116,  
139) }
```

Background

The CSS property to change the background color of an element to YUV 119.8180, 9.4567, 0.1596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 116, 139) }
```

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

```
.background{ background-color: rgb(120,  
116, 139) }
```

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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