

Converting Colors

YUV(120.4380, 9.1511, 4.8779)

Have a look what the booklet for
YUV(120.4380, 9.1511, 4.8779)
contains.

YUV(120.4380, 9.1511, 4.8779)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(120.4380, 9.1511,
4.8779)**

Conversions

Conversions Part 1

Format	Color
Hex	7E728B
RGB	126, 114, 139
RGB Percent	49%, 45%, 55%
CMY	0.5059, 0.5529, 0.4549
CMYK	0.09, 0.18, 0.00, 0.45
HSL	269°, 10%, 50%
HSV	269°, 18%, 55%
XYZ	19.2817, 18.3343, 26.9487
YIQ	120.4380, -0.8730, 10.3190

Conversions

Conversions Part 2

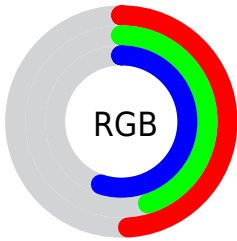
Format	Color
R_{YB}	126, 114, 139
Decimal	8286859
CIE _{Lab}	49.90, 9.74, -11.95
CIE _{LCh}	50, 15.420, 309.188
Yxy	18.3343, 0.2986, 0.2840
Android (android.graphics.Color)	4286476939 (0xFF7E728B)
YUV	120.4380, 9.1511, 4.8779
Hunter-Lab	42.8186, 5.4480, -7.3423

Details

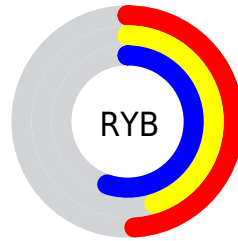
The YUV color **120.4380, 9.1511, 4.8779** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **132.5620, -9.1511, -4.8779**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.9650, 9.8773, 5.2927**, and **71.9110, 8.4249, 4.4631** is the 20% darker color. If you saturate the color by 10%, you get **110.1270, 14.2344, 7.7816**, and if you desaturate by 10%, it is **130.7490, 4.0677, 1.9741**.

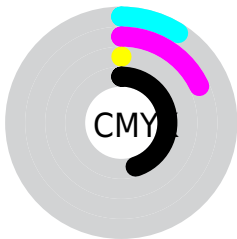
Distribution



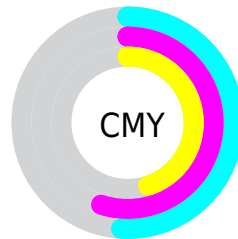
- Red (49%)
- Green (45%)
- Blue (55%)



- Red (49%)
- Yellow (45%)
- Blue (55%)



- Cyan (9%)
- Magenta (18%)
- Yellow (0%)
- Black (45%)



- Cyan (51%)
- Magenta (55%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.4380, 9.1511, 4.8779 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 120.4380, 9.1511, 4.8779 by changing the saturation by 10% instead.

■ 120.4380, 9.1511,
4.8779

■ 120.4380, 9.1511,
4.8779

■ 255.0000, 0.0000,
0.0000

■ 95.4380, 9.1511,
4.8779

■ 172.9650, 9.8773,
5.2927

■ 71.9110, 8.4249,
4.4631

■ 199.9650, 9.8773,
5.2927

■ 49.4980, 8.1355,
3.9483

■ 228.3780, 10.1666,
5.8075

■ 27.9710, 7.4093,
3.5334

■ 251.4780, 1.7363,
3.0888

■ 5.9110, 8.4249,
4.4631

■ 0.0000, 0.0000,
0.0000

120.4380, 9.1511,
4.8779

120.4380, 9.1511,
4.8779

110.1270, 14.2344,
7.7816

130.7490, 4.0677,
1.9741

99.8160, 19.3177,
10.6854

141.0600, -1.0156,
-0.9296

89.2060, 24.5484,
12.9743

151.6700, -6.2463,
-3.2186

78.8950, 29.6318,
15.8781

161.9810,
-11.3296, -6.1223

69.1710, 34.4257,
18.2670

171.7050,
-16.1236, -8.5113

58.8600, 39.5090,
21.1708

182.0160,
-21.2069, -11.4150

48.2500, 44.7398,
23.4597

192.6260,
-26.4376, -13.7040

37.9390, 49.8231,

202.9370,

26.3635

-31.5209, -16.6077

■ 35.8790, 50.8387,
27.2931

■ 213.2480,
-36.6043, -19.5115

Harmonies

Analogous

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



118.2730, 12.6834, -8.1324



120.4380, 9.1511, 4.8779



121.3100, 3.2982, 15.5141

Triad

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



120.4380, 9.1511, 4.8779



119.2980, -11.9789, 15.5247



113.2850, 4.2965, -24.8059

Complementary

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



120.4380, 9.1511, 4.8779



132.5620, -9.1511, -4.8779

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.



114.2060, -2.5666, -16.8437



120.4380, 9.1511, 4.8779



117.8300, -12.2412, 6.2881

Square

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



120.4380, 9.1511, 4.8779



120.2540, -8.5062, 21.7022



116.2630, -9.0037, -5.4927



113.5820, 10.5591, -26.8204

Rectangle

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



120.4380, 9.1511, 4.8779



120.7190, -0.3545, 20.4174



116.2630, -9.0037, -5.4927



113.7260, 2.1071, -22.5617

Sweetspot

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



120.4380, 9.1511, 4.8779



174.2220, 3.3416, 1.5593



124.4810, 7.1579, -9.1918



87.5810, 2.1786, 1.2445



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.



120.4380, 9.1511, 4.8779



151.2410, 14.6712, 7.6816



124.0260, 7.3822, 12.2552



63.6950, 2.6154, 1.1445



34.2980, 48.6601, 26.0487



1.1680, 1.8892, 0.7297

Inverse Universe

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



122.9570, 1.9932, 14.0697



155.3540, 3.2765, 22.4915



128.9740, -7.3822, -12.2552



64.5490, 0.7153, 3.9035



47.6330, 10.5339, 74.8669



1.8370, 0.5734, 2.7740

Previews

White Background



This preview shows how the YUV color 120.4380, 9.1511, 4.8779 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 120.4380, 9.1511, 4.8779 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

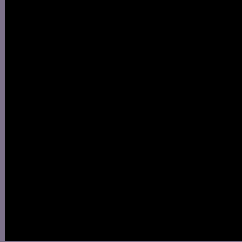
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 120.4380, 9.1511, 4.8779

Background



This preview shows how black text looks on a background with the YUV color 120.4380, 9.1511, 4.8779.



This preview shows how white text looks on a background with the YUV color 120.4380, 9.1511,

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

120.4380, 9.1511, 4.8779

Protanopia

119.4260, 10.6360, -4.7586

Deuteranopia

120.1170, 9.3093, 0.7744



Tritanopia

119.5320, 3.1887, 3.9184

Trichromacy



Original Color

120.4380, 9.1511, 4.8779

Protanomaly

119.9210, 9.8989, -1.6847

Deuteranomaly

120.1280, 9.3039, 2.5187

Tritanomaly

119.8140, 5.5147, 4.5481

Monochromacy



Original Color

120.4380, 9.1511, 4.8779

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

120.2220, 3.3416, 1.5593

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.4380, 9.1511, 4.8779 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(126, 114, 139)` looks like.

```
.text, #text, p{  
    color:rgb(126, 114, 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(126, 114, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 114, 139) }
```

Border

The CSS property to change the border of an element to YUV 120.4380, 9.1511, 4.8779 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(126, 114, 139) }
```


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

```
.border{ border-color:rgb(126, 114, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 114, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 114, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 114, 139);  
box-shadow:4px 4px 4px 4px rgb(126, 114,  
139) }
```

Background

The CSS property to change the background color of an element to YUV 120.4380, 9.1511, 4.8779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 114, 139) }
```

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

```
.background{ background-color: rgb(126,  
114, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor