

Converting Colors

YUV(119.1250, 0.4314, 1.6444)

Have a look what the booklet for
YUV(119.1250, 0.4314, 1.6444)
contains.

YUV(119.1250, 0.4314, 1.6444)	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(119.1250, 0.4314,
1.6444)**

Conversions

Conversions Part 1

Format	Color
Hex	797678
RGB	121, 118, 120
RGB Percent	47%, 46%, 47%
CMY	0.5255, 0.5373, 0.5294
CMYK	0.00, 0.02, 0.01, 0.53
HSL	320°, 1%, 47%
HSV	320°, 2%, 47%
XYZ	17.7538, 18.3779, 20.3809
YIQ	119.1250, 1.1460, 1.2580

Conversions

Conversions Part 2

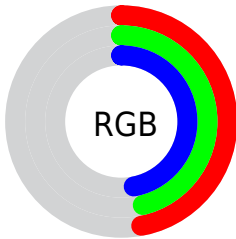
Format	Color
R_{YB}	121, 118, 120
Decimal	7960184
CIE _{Lab}	49.95, 1.54, -0.70
CIE _{LCh}	50, 1.694, 335.688
Yxy	18.3779, 0.3142, 0.3252
Android (android.graphics.Color)	4286150264 (0xFF797678)
YUV	119.1250, 0.4314, 1.6444
Hunter-Lab	42.8694, -1.0983, 1.8211

Details

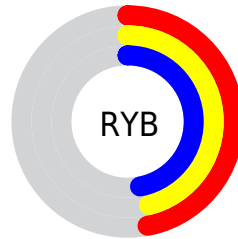
The YUV color `119.1250, 0.4314, 1.6444` is a dark color, and the websafe version is hex `666666`. A complement of this color would be `119.8750, -0.4314, -1.6444`, and the grayscale version is `119.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `171.1250, 0.4314, 1.6444`, and `71.1250, 0.4314, 1.6444` is the 20% darker color. If you saturate the color by 10%, you get `111.6250, 2.1569, 8.2219`, and if you desaturate by 10%, it is `126.6250, -1.2941, -4.9331`.

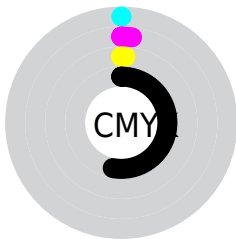
Distribution



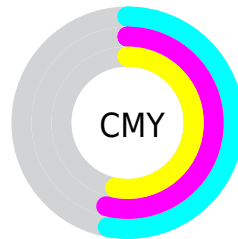
- Red (47%)
- Green (46%)
- Blue (47%)



- Red (47%)
- Yellow (46%)
- Blue (47%)



- Cyan (0%)
- Magenta (2%)
- Yellow (1%)
- Black (53%)





- Cyan (53%)
- Magenta (54%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the YUV color 119.1250, 0.4314, 1.6444 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 119.1250, 0.4314, 1.6444 by changing the saturation by 10% instead.


 119.1250, 0.4314,
1.6444


 119.1250, 0.4314,
1.6444


255.0000, 0.0000,
0.0000


 94.1250, 0.4314,
1.6444


 171.1250, 0.4314,
1.6444

 71.1250, 0.4314,
1.6444


 198.5380, 0.7208,
2.1592

 48.7120, 0.1420,
1.1296

 226.5380, 0.7208,
2.1592

 27.7120, 0.1420,
1.1296

254.4130, 0.2894,
0.5148

 1.1250, 0.4314,
1.6444

 0.0000, 0.0000,
0.0000

■ 119.1250, 0.4314,
1.6444

■ 119.1250, 0.4314,
1.6444

■ 111.6250, 2.1569,
8.2219

■ 126.6250, -1.2941,
-4.9331

■ 104.1250, 3.8824,
14.7994

■ 134.1250, -3.0196,
-11.5106

■ 96.6250, 5.6079,
21.3769

■ 141.6250, -4.7451,
-18.0881

■ 89.1250, 7.3334,
27.9544

■ 149.1250, -6.4706,
-24.6656

■ 81.6250, 9.0589,
34.5319

■ 157.2120, -8.4855,
-31.7579

■ 73.5380, 11.0738,
41.6242

■ 164.7120,
-10.2110, -38.3354

■ 66.0380, 12.7993,
48.2017

■ 172.2120,
-11.9365, -44.9129

■ 58.5380, 14.5248,

■ 179.7120,

54.7792

-13.6620, -51.4904

■ 51.0380, 16.2503,
61.3567

■ 187.2120,
-15.3875, -58.0679

Harmonies

Analogous

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



118.6410, 1.1630, 0.3148



119.1250, 0.4314, 1.6444



119.3100, -0.1528, 2.3591

Triad

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



119.1250, 0.4314, 1.6444



118.9570, -1.4578, 0.9147



118.5050, 0.7370, -3.0739

Complementary

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



119.1250, 0.4314, 1.6444



119.8750, -0.4314, -1.6444

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.



118.6900, 0.1528, -2.3591



119.1250, 0.4314, 1.6444



118.3590, -1.1630, -0.3148

Square

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



119.1250, 0.4314, 1.6444



118.6690, -1.3158, 2.0443



118.8750, -0.4314, -1.6444



118.3310, 1.3158, -2.0443

Rectangle

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



119.1250, 0.4314, 1.6444



119.1960, -0.5896, 2.4591



118.8750, -0.4314, -1.6444



118.5050, 0.7370, -3.0739

Sweetspot

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



119.1250, 0.4314, 1.6444



157.4130, 0.2894, 0.5148



118.6410, 1.1630, 0.3148



78.4130, 0.2894, 0.5148



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



119.1250, 0.4314, 1.6444



154.9510, 1.0102, 2.6740



118.8970, -0.4422, 1.8443



59.7120, 0.1420, 1.1296



46.8370, 17.8284, 68.5490



94.5000, 36.2355, 138.1275

Inverse Universe

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



119.1250, 0.4314, 1.6444



154.9510, 1.0102, 2.6740



119.9890, 0.0054, -1.7444



59.7120, 0.1420, 1.1296



46.8370, 17.8284, 68.5490



94.5000, 36.2355, 138.1275

Previews

White Background



This preview shows how the YUV color 119.1250, 0.4314, 1.6444 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 119.1250, 0.4314, 1.6444 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 119.1250, 0.4314, 1.6444

Background



This preview shows how black text looks on a background with the YUV color 119.1250, 0.4314, 1.6444.



This preview shows how white text looks on a background with the YUV color 119.1250, 0.4314,

1.6444.

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

119.1250, 0.4314, 1.6444

Protanopia

118.8260, 0.5788, 1.0296

Deuteranopia

119.8700, 0.5571, 8.0070



Tritanopia

119.5210, 3.1941, 2.1741

Trichromacy



Original Color

119.1250, 0.4314, 1.6444

Protanomaly

118.8260, 0.5788, 1.0296

Deuteranomaly

119.5600, 0.7099, 5.6479

Tritanomaly

119.2930, 2.3206, 2.3740

Monochromacy



Original Color

119.1250, 0.4314, 1.6444

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

119.2990, -0.1474, 0.6148

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.1250, 0.4314, 1.6444 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(121, 118, 120)` looks like.

```
.text, #text, p{  
    color:rgb(121, 118, 120)  
}
```

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(121, 118, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 118, 120) }
```

Border

The CSS property to change the border of an element to YUV 119.1250, 0.4314, 1.6444 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(121, 118, 120) }
```


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

```
.border{ border-color:rgb(121, 118, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 118, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 118, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 118, 120);  
box-shadow:4px 4px 4px 4px rgb(121, 118,  
120) }
```

Background

The CSS property to change the background color of an element to YUV 119.1250, 0.4314, 1.6444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 118, 120) }
```

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

```
.background{ background-color: rgb(121,  
118, 120) }
```

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