

Converting Colors

YUV(114.4920, 10.6034, 5.7075)

Have a look what the booklet for
YUV(114.4920, 10.6034, 5.7075)
contains.

YUV(114.4920, 10.6034, 5.7075)	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(114.4920, 10.6034,
5.7075)**

Conversions

Conversions Part 1

Format	Color
Hex	796B88
RGB	121, 107, 136
RGB Percent	47%, 42%, 53%
CMY	0.5255, 0.5804, 0.4667
CMYK	0.11, 0.21, 0.00, 0.47
HSL	269°, 12%, 48%
HSV	269°, 21%, 53%
XYZ	17.5868, 16.3579, 25.5230
YIQ	114.4920, -0.9650, 11.9870

Conversions

Conversions Part 2

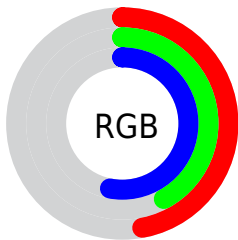
Format	Color
R_{YB}	121, 107, 136
Decimal	7957384
CIE _{Lab}	47.44, 11.47, -13.94
CIE _{LCh}	47, 18.047, 309.448
Yxy	16.3579, 0.2957, 0.2751
Android (android.graphics.Color)	4286147464 (0xFF796B88)
YUV	114.4920, 10.6034, 5.7075
Hunter-Lab	40.4449, 6.8391, -9.1039

Details

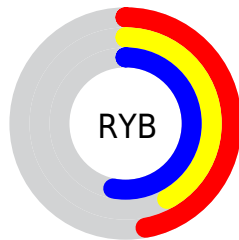
The YUV color **114.4920, 10.6034, 5.7075** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **128.5080, -10.6034, -5.7075**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.3180, 11.1822, 6.7371**, and **66.5520, 9.5879, 4.7779** is the 20% darker color. If you saturate the color by 10%, you get **104.1810, 15.6868, 8.6113**, and if you desaturate by 10%, it is **124.8030, 5.5201, 2.8038**.

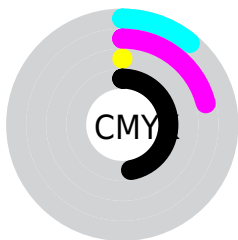
Distribution



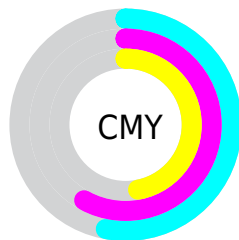
- Red (47%)
- Green (42%)
- Blue (53%)



- Red (47%)
- Yellow (42%)
- Blue (53%)



- Cyan (11%)
- Magenta (21%)
- Yellow (0%)
- Black (47%)



- Cyan (53%)
- Magenta (58%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.4920, 10.6034, 5.7075 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 114.4920, 10.6034, 5.7075 by changing the saturation by 10% instead.

■ 114.4920, 10.6034,
5.7075

■ 114.4920, 10.6034,
5.7075

■ 255.0000, 0.0000,
0.0000

■ 90.0790, 10.3141,
5.1927

■ 166.3180, 11.1822,
6.7371

■ 66.5520, 9.5879,
4.7779

■ 193.4320, 11.6190,
6.6371

■ 44.1390, 9.2985,
4.2631

■ 221.5460, 12.0558,
6.5372

■ 23.6120, 8.5723,
3.8483

■ 246.7820, 4.0515,
7.2072

■ 2.8670, 8.4466,
-2.5144

■ 0.0000, 0.0000,
0.0000

■ 114.4920, 10.6034,
5.7075

■ 114.4920, 10.6034,
5.7075

■ 104.1810, 15.6868,
8.6113

■ 124.8030, 5.5201,
2.8038

■ 94.4570, 20.4807,
11.0002

■ 134.5270, 0.7262,
0.4148

■ 84.1460, 25.5640,
13.9040

■ 144.8380, -4.3571,
-2.4889

■ 74.4220, 30.3580,
16.2929

■ 154.5620, -9.1511,
-4.8779

■ 64.1110, 35.4413,
19.1967

■ 164.8730,
-14.2344, -7.7816

■ 53.8000, 40.5246,
22.1004

■ 175.1840,
-19.3177, -10.6854

■ 44.0760, 45.3185,
24.4893


■ 184.9080,
-24.1116, -13.0743

■ 35.2380, 49.6757,

■ 195.2190,

26.9783

-29.1950, -15.9781

 204.9430,
-33.9889, -18.3670

Harmonies

Analogous

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



112.1310, 14.7254, -9.7619



114.4920, 10.6034, 5.7075



115.2610, 4.3083, 18.1881

Triad

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



114.4920, 10.6034, 5.7075



112.7390, -14.1683, 17.7689



105.8930, 5.4758, -29.7242

Complementary

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



114.4920, 10.6034, 5.7075



128.5080, -10.6034, -5.7075

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.



107.3690, -3.1399, -19.6176



114.4920, 10.6034, 5.7075



111.3740, -13.9884, 6.6880

Square

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



114.4920, 10.6034, 5.7075



114.2220, -9.9694, 24.3613



109.3230, -10.0192, -6.4223



106.0050, 12.3225, -32.4534

Rectangle

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



114.4920, 10.6034, 5.7075



115.2140, -1.0915, 23.4913



109.3230, -10.0192, -6.4223



106.2200, 2.8495, -27.3799

Sweetspot

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



114.4920, 10.6034, 5.7075



167.7490, 4.0677, 1.9741



119.1110, 8.3263, -10.6213



84.5810, 2.1786, 1.2445



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



114.4920, 10.6034, 5.7075



141.8220, 16.8498, 8.9261



118.6780, 8.5397, 14.3144



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.



117.3810, 2.2772, 16.3289



146.4900, 3.7024, 25.8803



124.3220, -8.5397, -14.3144



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 114.4920, 10.6034, 5.7075 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 114.4920, 10.6034, 5.7075 looks on a black 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

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

YUV 114.4920, 10.6034, 5.7075

Background



This preview shows how black text looks on a background with the YUV color 114.4920, 10.6034, 5.7075.



This preview shows how white text looks on a background with the YUV color 114.4920, 10.6034,

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

114.4920, 10.6034, 5.7075

Protanopia

112.6970, 12.9674, -5.8733

Deuteranopia

113.4480, 10.6251, -1.2699



Tritanopia

113.4180, 2.7519, 4.0184

Trichromacy



Original Color

114.4920, 10.6034, 5.7075

Protanomaly

113.4910, 12.0829, -2.1846

Deuteranomaly

113.7580, 10.4723, 1.0892

Tritanomaly

113.8140, 5.5147, 4.5481

Monochromacy



Original Color

114.4920, 10.6034, 5.7075

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

114.0480, 3.9203, 2.5889

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.4920, 10.6034, 5.7075 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, 107, 136)` looks like.

```
.text, #text, p{  
    color:rgb(121, 107, 136)  
}
```

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, 107, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 107, 136) }
```

Border

The CSS property to change the border of an element to YUV 114.4920, 10.6034, 5.7075 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, 107, 136) }
```


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

```
.border{ border-color:rgb(121, 107, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 107, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(121, 107, 136); -webkit-box-shadow:4px 4px 4px 4px rgb(121, 107, 136); box-shadow:4px 4px 4px 4px rgb(121, 107, 136) }
```

Background

The CSS property to change the background color of an element to YUV 114.4920, 10.6034, 5.7075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 107, 136) }
```

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

```
.background{ background-color: rgb(121,  
107, 136) }
```

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