

Converting Colors

YUV(107.9640, 14.8077,
10.5556)

Have a look what the booklet for
YUV(107.9640, 14.8077, 10.5556)
contains.

YUV(107.9640, 14.8077, 10.5556)	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(107.9640, 14.8077,
10.5556)**

Conversions

Conversions Part 1

Format	Color
Hex	78608A
RGB	120, 96, 138
RGB Percent	47%, 38%, 54%
CMY	0.5294, 0.6235, 0.4588
CMYK	0.13, 0.30, 0.00, 0.46
HSL	274°, 18%, 46%
HSV	274°, 30%, 54%
XYZ	16.5160, 14.1938, 25.9139
YIQ	107.9640, 0.8220, 18.1500

Conversions

Conversions Part 2

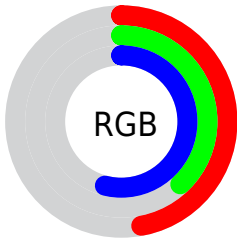
Format	Color
R _Y B	120, 96, 138
Decimal	7889034
CIE Lab	44.51, 18.20, -19.62
CIE LCh	45, 26.756, 312.851
Yxy	14.1938, 0.2917, 0.2507
Android (android.graphics.Color)	4286079114 (0xFF78608A)
YUV	107.9640, 14.8077, 10.5556
Hunter-Lab	37.6746, 12.3213, -14.4095

Details

The YUV color **107.9640, 14.8077, 10.5556** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **126.0360, -14.8077, -10.5556**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.9040, 15.8233, 11.4852**, and **60.0240, 13.7922, 9.6260** is the 20% darker color. If you saturate the color by 10%, you get **97.9520, 19.7437, 14.0741**, and if you desaturate by 10%, it is **117.9760, 9.8718, 7.0370**.

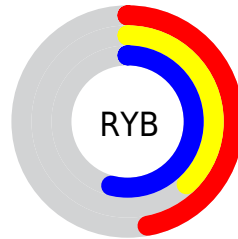
Distribution



Red (47%)

Green (38%)

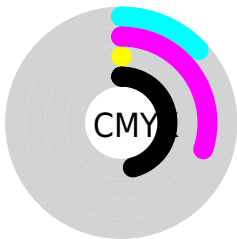
Blue (54%)



Red (47%)

Yellow (38%)

Blue (54%)

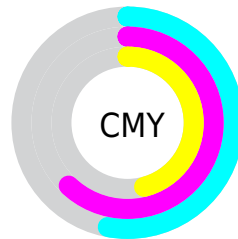


Cyan (13%)

Magenta (30%)

Yellow (0%)

Black (46%)



Cyan (53%)

Magenta (62%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 107.9640, 14.8077, 10.5556 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 107.9640, 14.8077, 10.5556 by changing the saturation by 10% instead.

■ 107.9640, 14.8077,
10.5556

■ 107.9640, 14.8077,
10.5556

■ 255.0000, 0.0000,
0.0000

■ 83.4370, 14.0816,
10.1408

■ 159.9040, 15.8233,
11.4852

■ 60.0240, 13.7922,
9.6260

■ 186.3170, 16.1127,
12.0000

■ 38.0840, 12.7766,
8.6963

■ 214.7300, 16.4021,
12.5148

■ 15.7960, 12.9186,
9.8259

■ 239.7380, 7.5242,
13.3848

■ 2.9810, 8.8834,
-2.6143

■ 0.0000, 0.0000,
0.0000

107.9640, 14.8077,
10.5556

107.9640, 14.8077,
10.5556

97.9520, 19.7437,
14.0741

117.9760, 9.8718,
7.0370

87.9400, 24.6796,
17.5926

127.9880, 4.9359,
3.5185

78.5150, 29.3261,
20.5963

137.4130, 0.2894,
0.5148

68.5030, 34.2620,
24.1149

147.4250, -4.6465,
-3.0037

58.4910, 39.1979,
27.6334

157.4370, -9.5824,
-6.5222

48.7780, 43.9864,
31.7667


167.1500,
-14.3710, -10.6556

39.3530, 48.6330,
34.7704

177.1620,
-19.3069, -14.1741

186.5870,

-23.9534, -17.1778

 196.5990,
-28.8893, -20.6963

Harmonies

Analogous

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



104.5310, 21.4302, -13.6207



107.9640, 14.8077, 10.5556



108.5550, 5.1494, 28.4543

Triad

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



107.9640, 14.8077, 10.5556



104.4640, -20.4418, 23.2721



89.1500, 12.2511, -56.2595

Complementary

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



107.9640, 14.8077, 10.5556



126.0360, -14.8077, -10.5556

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.



95.8080, -2.3703, -33.1576



107.9640, 14.8077, 10.5556



102.6530, -20.5349, 6.4433

Square

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



107.9640, 14.8077, 10.5556



106.0230, -14.8013, 34.1828



100.2530, -13.9287, -12.4999



86.1730, 24.0717, -67.6807

Rectangle

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



107.9640, 14.8077, 10.5556



107.4650, -1.7082, 34.6722



100.2530, -13.9287, -12.4999



91.6410, 7.5720, -48.7972

Sweetspot

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



107.9640, 14.8077, 10.5556



166.9280, 5.9515, 4.4481



111.3540, 13.1365, -13.4655



81.9340, 3.4835, 2.6889



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.



107.9640, 14.8077, 10.5556



131.0000, 23.6640, 16.6630



113.0040, 10.8440, 21.9215



63.9940, 2.4680, 1.7593



37.8860, 46.8912, 33.4260



1.4670, 1.7418, 1.3444

Inverse Universe

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



110.6100, 1.6713, 24.0210



135.3390, 2.7909, 38.2907



120.9960, -10.8440, -21.9215



64.4350, 0.2785, 4.0035



46.2650, 5.2924, 76.0666



1.7230, 0.1366, 2.8739

Previews

White Background



This preview shows how the YUV color 107.9640, 14.8077, 10.5556 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 107.9640, 14.8077, 10.5556 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

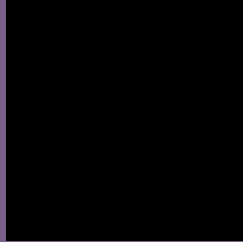
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

YUV 107.9640, 14.8077, 10.5556

Background



This preview shows how black text looks on a background with the YUV color 107.9640, 14.8077, 10.5556.



This preview shows how white text looks on a background with the YUV color 107.9640, 14.8077, 10.5556.

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

107.9640, 14.8077, 10.5556

Protanopia

105.5700, 18.9460, -10.1469

Deuteranopia

106.2670, 15.1514, -6.3732



Tritanopia

106.6850, 1.1413, 7.2923

Trichromacy



Original Color

107.9640, 14.8077, 10.5556

Protanomaly

106.2720, 17.6139, -2.8695

Deuteranomaly

106.8980, 14.8403, 0.0895

Tritanomaly

107.3630, 6.2300, 8.4516

Monochromacy



Original Color

107.9640, 14.8077, 10.5556

Achromatopsia

108.0000, 0.0000, 0.0000

Achromatomaly

108.1020, 5.3727, 3.4185

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.9640, 14.8077, 10.5556 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, 96, 138)` looks like.

```
.text, #text, p{  
    color:rgb(120, 96, 138)  
}
```

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, 96, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 96, 138) }
```

Border

The CSS property to change the border of an element to YUV 107.9640, 14.8077, 10.5556 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, 96, 138) }
```


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

```
.border{ border-color:rgb(120, 96, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 96, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(120, 96, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(120, 96, 138); box-shadow:4px 4px 4px 4px rgb(120, 96, 138) }
```

Background

The CSS property to change the background color of an element to YUV 107.9640, 14.8077, 10.5556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 96, 138) }
```

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

```
.background{ background-color: rgb(120, 96,  
138) }
```

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