

Converting Colors

YUV(114.9600, 7.4147, 1.7891)

Have a look what the booklet for
YUV(114.9600, 7.4147, 1.7891)
contains.

YUV(114.9600, 7.4147, 1.7891)	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(114.9600, 7.4147,
1.7891)**

Conversions

Conversions Part 1

Format	Color
Hex	756F82
RGB	117, 111, 130
RGB Percent	46%, 44%, 51%
CMY	0.5412, 0.5647, 0.4902
CMYK	0.10, 0.15, 0.00, 0.49
HSL	259°, 8%, 47%
HSV	259°, 15%, 51%
XYZ	17.0498, 16.7625, 23.4560
YIQ	114.9600, -2.5230, 7.1810

Conversions

Conversions Part 2

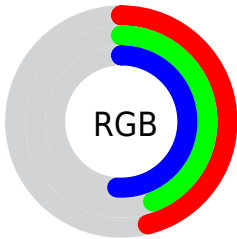
Format	Color
R_{YB}	117, 111, 130
Decimal	7696258
CIE _{Lab}	47.96, 6.30, -9.62
CIE _{LCh}	48, 11.498, 303.229
Yxy	16.7625, 0.2977, 0.2927
Android (android.graphics.Color)	4285886338 (0xFF756F82)
YUV	114.9600, 7.4147, 1.7891
Hunter-Lab	40.9420, 2.6857, -5.3082

Details

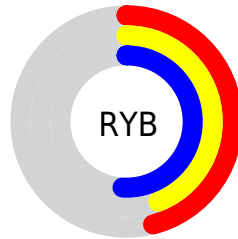
The YUV color **114.9600, 7.4147, 1.7891** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **126.0400, -7.4147, -1.7891**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.0740, 7.8515, 1.6891**, and **66.8460, 6.9779, 1.8891** is the 20% darker color. If you saturate the color by 10%, you get **104.6380, 12.5035, 2.9485**, and if you desaturate by 10%, it is **125.2820, 2.3260, 0.6297**.

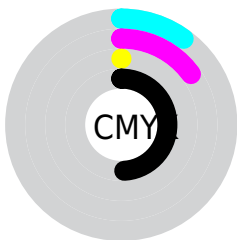
Distribution



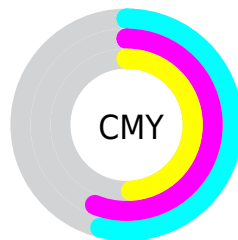
- Red (46%)
- Green (44%)
- Blue (51%)



- Red (46%)
- Yellow (44%)
- Blue (51%)



- Cyan (10%)
- Magenta (15%)
- Yellow (0%)
- Black (49%)



- Cyan (54%)
- Magenta (56%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.9600, 7.4147, 1.7891 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 114.9600, 7.4147, 1.7891 by changing the saturation by 10% instead.

■ 114.9600, 7.4147,
1.7891

■ 114.9600, 7.4147,
1.7891

■ 255.0000, 0.0000,
0.0000

■ 90.5470, 7.1253,
1.2743

■ 167.0740, 7.8515,
1.6891

■ 66.8460, 6.9779,
1.8891

■ 194.1880, 8.2883,
1.5891

■ 44.4330, 6.6885,
1.3743

■ 221.6010, 8.5777,
2.1039

■ 23.9060, 5.9623,
0.9594

■ 249.1190, 2.8993,
3.4036

■ 2.1830, 5.8258,
-1.9145

■ 0.0000, 0.0000,
0.0000

■ 114.9600, 7.4147,
1.7891

■ 114.9600, 7.4147,
1.7891

■ 104.6380, 12.5035,
2.9485

■ 125.2820, 2.3260,
0.6297

■ 94.3160, 17.5922,
4.1079

■ 135.6040, -2.7628,
-0.5297

■ 83.9940, 22.6810,
5.2673

■ 145.9260, -7.8515,
-1.6891

■ 73.6720, 27.7697,
6.4267

■ 156.2480,
-12.9403, -2.8485

■ 63.6490, 32.7110,
8.2008

■ 166.2710,
-17.8816, -4.6227

■ 53.3270, 37.7998,
9.3602

■ 176.5930,
-22.9703, -5.7821

■ 43.0050, 42.8885,
10.5196

■ 186.9150,
-28.0591, -6.9415

■ 32.6830, 47.9773,

■ 197.2370,

11.6790

-33.1478, -8.1008

■ 27.0790, 50.7401,
12.2087

■ 207.5590,
-38.2366, -9.2602

Harmonies

Analogous

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



113.1760, 9.7732, -8.0474



114.9600, 7.4147, 1.7891



115.6900, 3.6038, 10.7959

Triad

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



114.9600, 7.4147, 1.7891



114.1990, -8.4791, 12.9805



110.7590, 2.0908, -17.3286

Complementary

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



114.9600, 7.4147, 1.7891



126.0400, -7.4147, -1.7891

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.



111.4240, -3.1670, -10.8958



114.9600, 7.4147, 1.7891



113.3400, -9.0416, 6.7178

Square

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



114.9600, 7.4147, 1.7891



115.3180, -5.5798, 16.3841



112.0400, -7.4147, -1.7891



110.6000, 6.6062, -18.9432

Rectangle

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



114.9600, 7.4147, 1.7891



115.5010, 0.2460, 14.4696



112.0400, -7.4147, -1.7891



110.3140, 0.3382, -15.1844

Sweetspot

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



114.9600, 7.4147, 1.7891



163.2820, 2.3260, 0.6297



120.7970, 4.5371, -8.5920



80.7550, 1.5998, 0.2149



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



114.9600, 7.4147, 1.7891



144.4100, 11.6299, 3.1484



117.6510, 6.0881, 7.3221



58.3960, 2.7628, 0.5297



26.5520, 50.0139, 11.7939



0.0000, 0.0000, 0.0000

Inverse Universe

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



118.1630, 2.8776, 10.3810



149.3640, 4.7505, 16.3438



123.3490, -6.0881, -7.3221



59.6630, 1.1521, 3.8035



48.1900, 19.1333, 69.9934



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 114.9600, 7.4147, 1.7891 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 114.9600, 7.4147, 1.7891 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 114.9600, 7.4147, 1.7891

Background



This preview shows how black text looks on a background with the YUV color 114.9600, 7.4147, 1.7891.



This preview shows how white text looks on a background with the YUV color 114.9600, 7.4147,

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

114.9600, 7.4147, 1.7891

Protanopia

114.4540, 8.1572, -3.0292

Deuteranopia

114.9600, 7.4147, 1.7891



Tritanopia

114.2220, 3.3416, 1.5593

Trichromacy



Original Color

114.9600, 7.4147, 1.7891

Protanomaly

114.4650, 8.1518, -1.2848

Deuteranomaly

114.9600, 7.4147, 1.7891

Tritanomaly

114.5640, 4.6519, 1.2594

Monochromacy



Original Color

114.9600, 7.4147, 1.7891

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

115.2820, 2.3260, 0.6297

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.9600, 7.4147, 1.7891 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(117, 111, 130)` looks like.

```
.text, #text, p{  
    color:rgb(117, 111, 130)  
}
```

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(117, 111, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 111, 130) }
```

Border

The CSS property to change the border of an element to YUV 114.9600, 7.4147, 1.7891 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(117, 111, 130) }
```


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

```
.border{ border-color:rgb(117, 111, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 111, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 111, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 111, 130);  
box-shadow:4px 4px 4px 4px rgb(117, 111,  
130) }
```

Background

The CSS property to change the background color of an element to YUV 114.9600, 7.4147, 1.7891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 111, 130) }
```

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

```
.background{ background-color: rgb(117,  
111, 130) }
```

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