

Converting Colors

YUV(116.7600, 4.0623, 3.7185)

Have a look what the booklet for
YUV(116.7600, 4.0623, 3.7185)
contains.

YUV(116.7600, 4.0623, 3.7185)	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(116.7600, 4.0623,
3.7185)**

Conversions

Conversions Part 1

Format	Color
Hex	79717D
RGB	121, 113, 125
RGB Percent	47%, 44%, 49%
CMY	0.5255, 0.5569, 0.5098
CMYK	0.03, 0.10, 0.00, 0.51
HSL	280°, 5%, 47%
HSV	280°, 10%, 49%
XYZ	17.4920, 17.3559, 21.8301
YIQ	116.7600, 0.9160, 5.4280

Conversions

Conversions Part 2

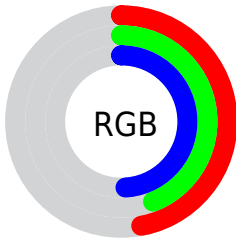
Format	Color
R_{YB}	121, 113, 125
Decimal	7958909
CIE Lab	48.71, 5.50, -5.50
CIE LCh	49, 7.777, 315.035
Yxy	17.3559, 0.3086, 0.3062
Android (android.graphics.Color)	4286148989 (0xFF79717D)
YUV	116.7600, 4.0623, 3.7185
Hunter-Lab	41.6604, 2.0412, -1.9058

Details

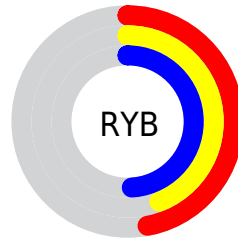
The YUV color **116.7600, 4.0623, 3.7185** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **121.2400, -4.0623, -3.7185**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.8740, 4.4991, 3.6185**, and **68.3470, 3.7729, 3.2037** is the 20% darker color. If you saturate the color by 10%, you get **108.5200, 8.1246, 7.4370**, and if you desaturate by 10%, it is **125.5870, -0.2894, -0.5148**.

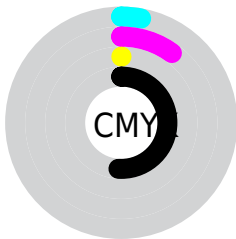
Distribution



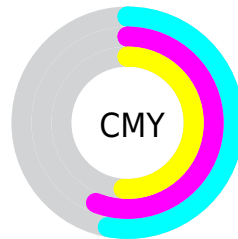
- Red (47%)
- Green (44%)
- Blue (49%)



- Red (47%)
- Yellow (44%)
- Blue (49%)



- Cyan (3%)
- Magenta (10%)
- Yellow (0%)
- Black (51%)



- Cyan (53%)
- Magenta (56%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.7600, 4.0623, 3.7185 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 116.7600, 4.0623, 3.7185 by changing the saturation by 10% instead.

■ 116.7600, 4.0623,
3.7185

■ 116.7600, 4.0623,
3.7185

■ 255.0000, 0.0000,
0.0000

■ 92.3470, 3.7729,
3.2037

■ 168.8740, 4.4991,
3.6185

■ 68.3470, 3.7729,
3.2037

■ 196.1730, 4.3517,
4.2333

■ 46.2330, 3.3361,
3.3037

■ 224.1730, 4.3517,
4.2333

■ 25.8200, 3.0467,
2.7889

■ 250.8910, 2.0257,
3.6036

■ 0.9120, 3.4944,
-0.7998

■ 0.0000, 0.0000,
0.0000

■ 116.7600, 4.0623,
3.7185

■ 116.7600, 4.0623,
3.7185

■ 108.5200, 8.1246,
7.4370

■ 125.5870, -0.2894,
-0.5148

■ 99.6930, 12.4764,
11.6702

■ 133.8270, -4.3517,
-4.2333

■ 91.4530, 16.5387,
15.3887

■ 142.0670, -8.4140,
-7.9518

■ 82.3270, 21.0378,
19.0072

■ 151.1930,
-12.9131, -11.5703

■ 74.0870, 25.1001,
22.7257

■ 159.4330,
-16.9755, -15.2887

■ 65.2600, 29.4518,
26.9590

■ 168.2600,
-21.3272, -19.5220

■ 57.0200, 33.5141,
30.6775

■ 177.0870,
-25.6789, -23.7553

■ 48.1930, 37.8659,

■ 185.3270,

34.9107

-29.7412, -27.4738

■ 39.9530, 41.9282,
38.6292

■ 194.1540,
-34.0929, -31.7071

Harmonies

Analogous

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



115.8840, 5.9732, -2.5293



116.7600, 4.0623, 3.7185



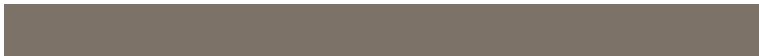
117.2830, 0.8465, 8.5218

Triad

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



116.7600, 4.0623, 3.7185



115.7360, -6.2788, 7.2475



113.9060, 2.5113, -12.1956

Complementary

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



116.7600, 4.0623, 3.7185



121.2400, -4.0623, -3.7185

Split Complementary

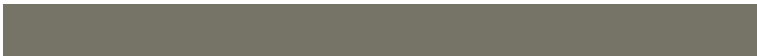
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



113.4180, -0.6991, -9.1366



116.7600, 4.0623, 3.7185



115.1160, -5.9732, 2.5293

Square

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



116.7600, 4.0623, 3.7185



116.5130, -4.6899, 10.9511



114.2400, -4.0623, -3.7185



114.0030, 5.4215, -12.2806

Rectangle

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



116.7600, 4.0623, 3.7185



116.8380, -0.9061, 10.6661



114.2400, -4.0623, -3.7185



113.6780, 1.6377, -11.9956

Sweetspot

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



116.7600, 4.0623, 3.7185



159.7660, 1.5944, 1.9592



116.7160, 4.0840, -3.2589



79.3530, 1.3050, 1.4444



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



116.7600, 4.0623, 3.7185



150.0530, 6.3829, 6.0925



117.7280, 2.5991, 6.3775



59.2930, 2.3206, 2.3740



40.0070, 43.3805, 39.4589



0.0000, 0.0000, 0.0000

Inverse Universe

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



117.0440, -0.0217, 6.9774



150.3650, -0.1799, 11.0809



120.2720, -2.5991, -6.3775



59.4350, 0.2785, 4.0035



43.1740, -0.0858, 74.3924



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 116.7600, 4.0623, 3.7185 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 116.7600, 4.0623, 3.7185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

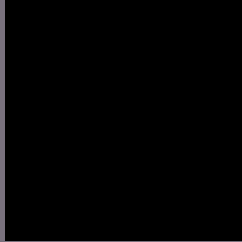
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 116.7600, 4.0623, 3.7185

Background



This preview shows how black text looks on a background with the YUV color 116.7600, 4.0623, 3.7185.



This preview shows how white text looks on a background with the YUV color 116.7600, 4.0623,

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

116.7600, 4.0623, 3.7185

Protanopia

116.2540, 4.8048, -1.0998

Deuteranopia

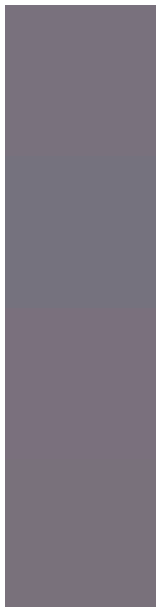
116.7710, 4.0569, 5.4628



Tritanopia

116.4180, 2.7519, 4.0184

Trichromacy



Original Color

116.7600, 4.0623, 3.7185

Protanomaly

116.2650, 4.7994, 0.6446

Deuteranomaly

116.4720, 4.2043, 4.8481

Tritanomaly

116.5320, 3.1887, 3.9184

Monochromacy



Original Color

116.7600, 4.0623, 3.7185

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

117.0540, 1.4524, 0.8296

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.7600, 4.0623, 3.7185 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, 113, 125)` looks like.

```
.text, #text, p{  
    color:rgb(121, 113, 125)  
}
```

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, 113, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 113, 125) }
```

Border

The CSS property to change the border of an element to YUV 116.7600, 4.0623, 3.7185 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, 113, 125) }
```


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

```
.border{ border-color:rgb(121, 113, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 113, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 113, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 113, 125);  
box-shadow:4px 4px 4px 4px rgb(121, 113,  
125) }
```

Background

The CSS property to change the background color of an element to YUV 116.7600, 4.0623, 3.7185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 113, 125) }
```

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

```
.background{ background-color: rgb(121,  
113, 125) }
```

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](#).

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