

Converting Colors

YUV(119.3380, 17.5814, 7.5966)

Have a look what the booklet for
YUV(119.3380, 17.5814, 7.5966)
contains.

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Color

**YUV(119.3380, 17.5814,
7.5966)**

Conversions

Conversions Part 1

Format	Color
Hex	806C9B
RGB	128, 108, 155
RGB Percent	50%, 42%, 61%
CMY	0.4980, 0.5765, 0.3922
CMYK	0.17, 0.30, 0.00, 0.39
HSL	266°, 19%, 52%
HSV	266°, 30%, 61%
XYZ	20.1810, 17.6809, 33.3594
YIQ	119.3380, -3.1670, 18.8570

Conversions

Conversions Part 2

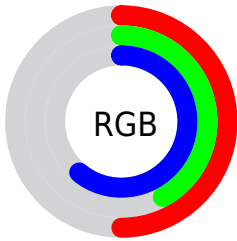
Format	Color
R_{YB}	128, 108, 155
Decimal	8416411
CIE _{Lab}	49.11, 17.66, -22.58
CIE _{LCh}	49, 28.661, 308.030
Yxy	17.6809, 0.2834, 0.2483
Android (android.graphics.Color)	4286606491 (0xFF806C9B)
YUV	119.3380, 17.5814, 7.5966
Hunter-Lab	42.0486, 12.0851, -17.6039

Details

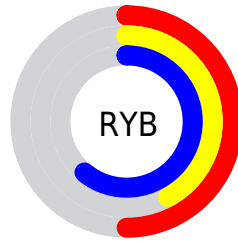
The YUV color **119.3380, 17.5814, 7.5966** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **143.6620, -17.5814, -7.5966**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.9790, 18.7444, 7.9114**, and **70.3980, 16.5658, 6.6670** is the 20% darker color. If you saturate the color by 10%, you get **107.8420, 23.2489, 9.7856**, and if you desaturate by 10%, it is **131.4210, 11.6244, 4.8928**.

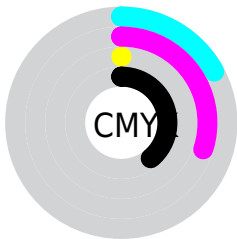
Distribution



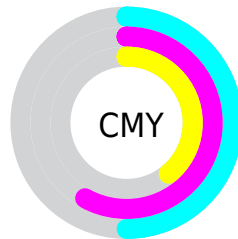
- Red (50%)
- Green (42%)
- Blue (61%)



- Red (50%)
- Yellow (42%)
- Blue (61%)



- Cyan (17%)
- Magenta (30%)
- Yellow (0%)
- Black (39%)



- Cyan (50%)
- Magenta (58%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.3380, 17.5814, 7.5966 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 119.3380, 17.5814, 7.5966 by changing the saturation by 10% instead.

■ 119.3380, 17.5814,
7.5966

■ 119.3380, 17.5814,
7.5966

255.0000, 0.0000,
0.0000

■ 94.8110, 16.8552,
7.1818

■ 171.9790, 18.7444,
7.9114

■ 70.3980, 16.5658,
6.6670

■ 199.3920, 19.0337,
8.4262

■ 47.4580, 15.5502,
5.7373

■ 225.8500, 14.3710,
10.6556

■ 26.5180, 14.5346,
4.8077

■ 247.9560, 3.4727,
6.1776

■ 6.9800, 13.8139,
2.6485

■ 1.0260, 3.9312,
-0.8998

■ 0.0000, 0.0000,

0.0000

■ 119.3380, 17.5814,
7.5966

■ 119.3380, 17.5814,
7.5966

■ 107.8420, 23.2489,
9.7856

■ 131.4210, 11.6244,
4.8928

■ 95.7590, 29.2058,
12.4894

■ 142.9170, 5.9569,
2.7038

■ 84.2630, 34.8733,
14.6783

■ 155.0000, 0.0000,
0.0000

■ 72.1800, 40.8303,
17.3821

■ 166.4960, -5.6675,
-2.1890

■ 60.6840, 46.4978,
19.5711

■ 178.5790,
-11.6244, -4.8928

■ 48.9000, 52.3073,
22.8897

■ 189.7760,
-17.1446, -7.6966

■ 37.4040, 57.9748,
25.0787

■ 201.8590,
-23.1015, -10.4003

■ 213.3550,
-28.7690, -12.5893

■ 225.4380,
-34.7259, -15.2931

Harmonies

Analogous

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



114.9970, 24.6515, -20.1684



119.3380, 17.5814, 7.5966



119.8370, 7.4754, 29.0840

Triad

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



119.3380, 17.5814, 7.5966



116.4430, -21.9104, 27.6755



100.7970, 10.9461, -57.7040

Complementary

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



119.3380, 17.5814, 7.5966



143.6620, -17.5814, -7.5966

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.



107.2380, -4.5543, -32.6577



119.3380, 17.5814, 7.5966



114.1050, -22.7298, 10.4319

Square

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



119.3380, 17.5814, 7.5966



117.4580, -14.5228, 38.1863



111.5800, -16.5549, -10.1557



94.4710, 25.4038, -74.9581

Rectangle

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



119.3380, 17.5814, 7.5966



119.2310, -0.1139, 36.6314



111.5800, -16.5549, -10.1557



103.6580, 5.0986, -48.8121

Sweetspot

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



119.3380, 17.5814, 7.5966



187.4440, 6.6831, 3.1186



129.2070, 12.7159, -18.5985



93.7490, 4.0677, 1.9741



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



119.3380, 17.5814, 7.5966



146.4770, 26.8798, 11.8597



126.2150, 14.1910, 21.7364



70.8090, 3.0522, 1.0445



33.9000, 52.3073, 22.8897



2.9770, 4.9413, 1.7742

Inverse Universe

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



125.1310, 4.8654, 26.1951



155.3160, 7.7322, 40.0649



136.7850, -14.1910, -21.7364



71.8480, 0.5679, 4.5183



51.0940, 14.7437, 77.9706



4.6850, 1.1413, 7.2923

Previews

White Background



This preview shows how the YUV color 119.3380, 17.5814, 7.5966 looks on a white background.

Color Contrast Check

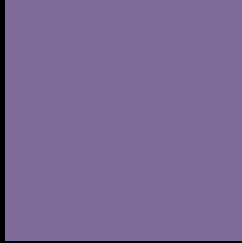
Large Text (above 18pt) WCAG AA ✓ Pass

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 119.3380, 17.5814, 7.5966 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 119.3380, 17.5814, 7.5966

Background



This preview shows how black text looks on a background with the YUV color 119.3380, 17.5814, 7.5966.



This preview shows how white text looks on a background with the YUV color 119.3380, 17.5814,

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

119.3380, 17.5814, 7.5966

Protanopia

116.5420, 21.4248, -11.8763

Deuteranopia

117.3530, 18.0670, -8.2026



Tritanopia

117.7170, 2.6045, 4.6332

Trichromacy



Original Color

119.3380, 17.5814, 7.5966

Protanomaly

117.2440, 20.0927, -4.5990

Deuteranomaly

117.6850, 17.9033, -2.3547

Tritanomaly

118.5090, 8.1301, 5.6926

Monochromacy



Original Color

119.3380, 17.5814, 7.5966

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

119.0310, 6.3937, 2.6038

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.3380, 17.5814, 7.5966 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(128, 108, 155)` looks like.

```
.text, #text, p{  
    color:rgb(128, 108, 155)  
}
```

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(128, 108, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 108, 155) }
```

Border

The CSS property to change the border of an element to YUV 119.3380, 17.5814, 7.5966 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(128, 108, 155) }
```


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

```
.border{ border-color:rgb(128, 108, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 108, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 108, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 108, 155);  
box-shadow:4px 4px 4px 4px rgb(128, 108,  
155) }
```

Background

The CSS property to change the background color of an element to YUV 119.3380, 17.5814, 7.5966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 108, 155) }
```

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

```
.background{ background-color: rgb(128,  
108, 155) }
```

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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