

Converting Colors

YUV(116.3810, 2.2772, 16.3289)

Have a look what the booklet for
YUV(116.3810, 2.2772, 16.3289)
contains.

YUV(116.3810, 2.2772, 16.3289)	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(116.3810, 2.2772,
16.3289)**

Conversions

Conversions Part 1

Format	Color
Hex	876A79
RGB	135, 106, 121
RGB Percent	53%, 42%, 47%
CMY	0.4706, 0.5843, 0.5255
CMYK	0.00, 0.21, 0.10, 0.47
HSL	329°, 12%, 47%
HSV	329°, 21%, 53%
XYZ	18.5969, 16.8394, 20.3593
YIQ	116.3810, 12.4690, 10.8130

Conversions

Conversions Part 2

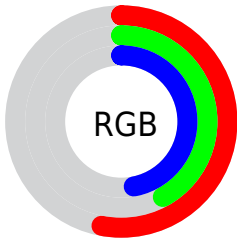
Format	Color
R_{YB}	135, 106, 121
Decimal	8874617
CIE _{Lab}	48.06, 14.16, -3.92
CIE _{LCh}	48, 14.696, 344.518
Yxy	16.8394, 0.3333, 0.3018
Android (android.graphics.Color)	4287064697 (0xFF876A79)
YUV	116.3810, 2.2772, 16.3289
Hunter-Lab	41.0359, 9.0809, -0.6907

Details

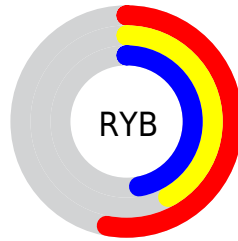
The YUV color **116.3810, 2.2772, 16.3289** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **124.6190, -2.2772, -16.3289**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.3920, 2.2717, 18.0732**, and **68.3700, 2.2826, 14.5845** is the 20% darker color. If you saturate the color by 10%, you get **107.9520, 2.9817, 23.7211**, and if you desaturate by 10%, it is **125.3970, 1.2833, 8.4218**.

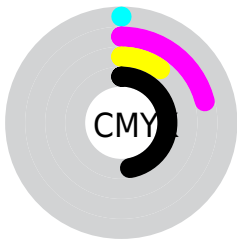
Distribution



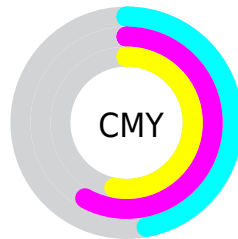
- Red (53%)
- Green (42%)
- Blue (47%)



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



- Cyan (0%)
- Magenta (21%)
- Yellow (10%)
- Black (47%)





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

Brightness & Saturation Gradients

These gradients show how the YUV color 116.3810, 2.2772, 16.3289 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 116.3810, 2.2772, 16.3289 by changing the saturation by 10% instead.

 116.3810, 2.2772,
16.3289


 116.3810, 2.2772,
16.3289


255.0000, 0.0000,
0.0000

 91.6690, 2.1352,
15.1993

 168.3920, 2.2717,
18.0732


 68.3700, 2.2826,
14.5845


 195.5060, 2.7085,
17.9732


 45.6580, 2.1406,
13.4549

 223.8050, 2.5611,
18.5880

 24.3590, 2.2880,
12.8402

 246.1950, 4.3409,
7.7220

 4.4140, -1.1901,
8.4069

 0.0000, 0.0000,
0.0000

■ 116.3810, 2.2772,
16.3289

■ 116.3810, 2.2772,
16.3289

■ 107.9520, 2.9817,
23.7211

■ 125.3970, 1.2833,
8.4218

■ 99.0500, 4.4124,
31.5282

■ 133.7120, 0.1420,
1.1296

■ 90.6210, 5.1168,
38.9204

■ 142.7280, -0.8519,
-6.7775

■ 81.7190, 6.5475,
46.7274

■ 151.0430, -1.9932,
-14.0697

■ 73.2900, 7.2520,
54.1197

■ 160.0590, -2.9871,
-21.9767

■ 64.3880, 8.6827,
61.9267

■ 168.3740, -4.1284,
-29.2690

■ 55.3720, 9.6766,
69.8338


■ 177.3900, -5.1223,
-37.1760

■ 48.3450, 10.6759,

■ 185.7050, -6.2636,

75.9964

-44.4683

 194.1340, -6.9681,
-51.8605

Harmonies

Analogous

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



116.1070, 7.8352, 6.9222



116.3810, 2.2772, 16.3289



115.8070, -3.8489, 21.2173

Triad

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



116.3810, 2.2772, 16.3289



112.7480, -11.2148, 3.7290



109.8920, 10.4062, -24.4613

Complementary

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



116.3810, 2.2772, 16.3289



124.6190, -2.2772, -16.3289

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.



108.9260, 5.4595, -24.4911



116.3810, 2.2772, 16.3289



111.5940, -7.6878, -7.5369

Square

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



116.3810, 2.2772, 16.3289



114.2870, -11.9735, 13.7803



110.1350, -1.5456, -17.6584



111.9190, 12.8579, -17.4690

Rectangle

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



116.3810, 2.2772, 16.3289



115.2970, -7.0484, 20.7875



110.1350, -1.5456, -17.6584



109.5390, 9.1013, -25.9057

Sweetspot

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



116.3810, 2.2772, 16.3289



168.9730, 0.9993, 6.1627



113.4920, 10.6034, 5.7075



85.1360, 0.4260, 3.3887



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.



116.3810, 2.2772, 16.3289



146.4900, 3.7024, 25.8803



114.7850, -3.8380, 17.7286



62.1360, 0.4260, 3.3887



46.5080, 10.1026, 73.2225



1.0110, -0.0054, 1.7444

Inverse Universe

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



116.3810, 2.2772, 16.3289



146.4900, 3.7024, 25.8803



126.2150, 3.8380, -17.7286



62.1360, 0.4260, 3.3887



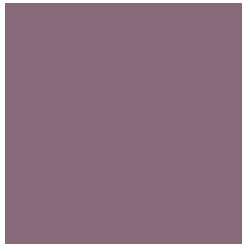
46.5080, 10.1026, 73.2225



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 116.3810, 2.2772, 16.3289 looks on a white background.

Color Contrast Check

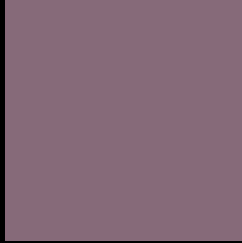
Large Text (above 18pt) WCAG AA ✓ Pass

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 116.3810, 2.2772, 16.3289 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 116.3810, 2.2772, 16.3289

Background



This preview shows how black text looks on a background with the YUV color 116.3810, 2.2772, 16.3289.



This preview shows how white text looks on a background with the YUV color 116.3810, 2.2772,

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

116.3810, 2.2772, 16.3289

Protanopia

114.4820, 5.6784, -1.2997

Deuteranopia

115.6140, 2.1623, 6.4775



Tritanopia

115.9850, -0.4856, 15.7992

Trichromacy



Original Color

116.3810, 2.2772, 16.3289

Protanomaly

114.8850, 4.4937, 5.3629

Deuteranomaly

115.6360, 2.1515, 9.9662

Tritanomaly

116.2130, 0.3880, 15.5992

Monochromacy



Original Color

116.3810, 2.2772, 16.3289

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

115.9730, 0.9993, 6.1627

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.3810, 2.2772, 16.3289 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(135, 106, 121)` looks like.

```
.text, #text, p{  
    color:rgb(135, 106, 121)  
}
```

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(135, 106, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 106, 121) }
```

Border

The CSS property to change the border of an element to YUV 116.3810, 2.2772, 16.3289 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(135, 106, 121) }
```


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

```
.border{ border-color:rgb(135, 106, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 106, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 106, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 106, 121);  
box-shadow:4px 4px 4px 4px rgb(135, 106,  
121) }
```

Background

The CSS property to change the background color of an element to YUV 116.3810, 2.2772, 16.3289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 106, 121) }
```

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

```
.background{ background-color: rgb(135,  
106, 121) }
```

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