

Converting Colors

YUV(117.9810, 15.7854,
23.6957)

Have a look what the booklet for
YUV(117.9810, 15.7854, 23.6957)
contains.

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Color

**YUV(117.9810, 15.7854,
23.6957)**

Conversions

Conversions Part 1

Format	Color
Hex	916296
RGB	145, 98, 150
RGB Percent	57%, 38%, 59%
CMY	0.4314, 0.6157, 0.4118
CMYK	0.03, 0.35, 0.00, 0.41
HSL	294°, 21%, 49%
HSV	294°, 35%, 59%
XYZ	21.5498, 16.9571, 30.9914
YIQ	117.9810, 11.3200, 26.1360

Conversions

Conversions Part 2

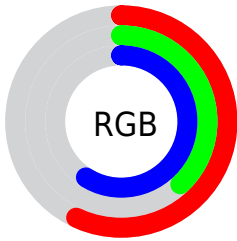
Format	Color
R_{YB}	145, 98, 150
Decimal	9527958
CIE _{Lab}	48.21, 28.14, -20.86
CIE _{LCh}	48, 35.026, 323.447
Yxy	16.9571, 0.3101, 0.2440
Android (android.graphics.Color)	4287718038 (0xFF916296)
YUV	117.9810, 15.7854, 23.6957
Hunter-Lab	41.1790, 21.3491, -15.7965

Details

The YUV color **117.9810, 15.7854, 23.6957** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **130.0190, -15.7854, -23.6957**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.5190, 16.5061, 25.8548**, and **68.4430, 15.0646, 21.5365** is the 20% darker color. If you saturate the color by 10%, you get **108.8770, 20.2736, 30.8029**, and if you desaturate by 10%, it is **127.0850, 11.2971, 16.5885**.

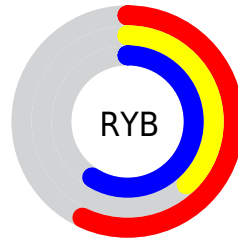
Distribution



Red (57%)

Green (38%)

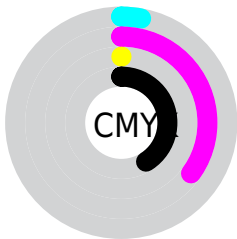
Blue (59%)



Red (57%)

Yellow (38%)

Blue (59%)

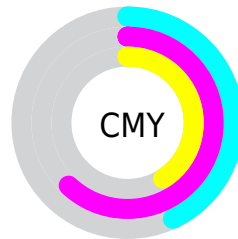


Cyan (3%)

Magenta (35%)

Yellow (0%)

Black (41%)



Cyan (43%)

Magenta (62%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.9810, 15.7854, 23.6957 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 117.9810, 15.7854, 23.6957 by changing the saturation by 10% instead.

■ 117.9810, 15.7854,
23.6957

■ 117.9810, 15.7854,
23.6957

■ 255.0000, 0.0000,
0.0000

■ 93.1550, 15.2066,
22.6661

■ 170.5190, 16.5061,
25.8548

■ 68.4430, 15.0646,
21.5365

■ 198.0460, 17.2323,
26.2697

■ 45.0300, 14.7752,
21.0217

■ 225.0630, 14.7589,
26.2547

■ 21.7310, 14.9226,
20.4069

■ 241.4990, 6.6560,
11.8404

■ 11.0090, 9.8556,
12.2701

■ 0.1140, 0.4368,
-0.1000

■ 0.0000, 0.0000,

0.0000

■ 117.9810, 15.7854,
23.6957

■ 117.9810, 15.7854,
23.6957

■ 108.8770, 20.2736,
30.8029

■ 127.0850, 11.2971,
16.5885

■ 99.4740, 24.9093,
37.2953

■ 136.4880, 6.6614,
10.0960

■ 90.3700, 29.3976,
44.4025

■ 145.5920, 2.1731,
2.9888

■ 80.9670, 34.0333,
50.8949

■ 154.9950, -2.4625,
-3.5036

■ 71.8630, 38.5215,
58.0021

■ 164.0990, -6.9508,
-10.6108

■ 62.4600, 43.1572,
64.4946

■ 173.5020,
-11.5865, -17.1033

■ 57.7640, 45.4723,
68.6130

■ 182.6060,
-16.0748, -24.2105

■ 192.0090,
-20.7104, -30.7029

■ 201.1130,
-25.1987, -37.8101

Harmonies

Analogous

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



115.2420, 26.5027, -7.2282



117.9810, 15.7854, 23.6957



116.9590, 2.4852, 43.0090

Triad

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



117.9810, 15.7854, 23.6957



112.6890, -28.4407, 22.1977



91.3410, 22.5099, -80.1061

Complementary

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



117.9810, 15.7854, 23.6957



130.0190, -15.7854, -23.6957

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.



93.3030, 6.7526, -66.0407



117.9810, 15.7854, 23.6957



109.6430, -25.4600, -0.5639

Square

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



117.9810, 15.7854, 23.6957



114.2920, -22.8220, 40.0859



104.9800, -13.3011, -27.1695



92.3160, 33.8612, -80.9611

Rectangle

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



117.9810, 15.7854, 23.6957



115.5870, -6.6984, 48.5972



104.9800, -13.3011, -27.1695



90.7880, 17.8525, -79.6211

Sweetspot

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



117.9810, 15.7854, 23.6957



181.6620, 6.0826, 9.0664



106.8630, 21.2665, -7.7729



89.6570, 3.6201, 5.5628



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



117.9810, 15.7854, 23.6957



143.4740, 24.9093, 37.2953



117.0820, 5.8756, 28.8691



69.5920, 2.1731, 2.9888



52.8080, 41.9997, 62.4354



3.8310, 3.0413, 4.5332

Inverse Universe

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



114.1180, -5.4812, 31.4685



137.4300, -8.5930, 49.6119



130.9180, -5.8756, -28.8691



69.0930, -1.0318, 4.3034



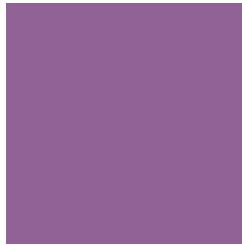
42.7440, -14.6638, 83.5395



3.1040, -1.0373, 6.0478

Previews

White Background



This preview shows how the YUV color 117.9810, 15.7854, 23.6957 looks on a white background.

Color Contrast Check

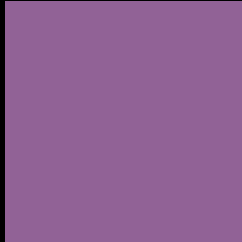
Large Text (above 18pt) WCAG AA ✓ Pass

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 117.9810, 15.7854, 23.6957 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

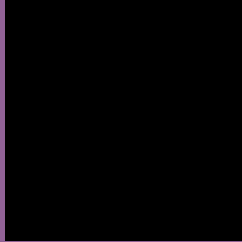
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 117.9810, 15.7854, 23.6957

Background



This preview shows how black text looks on a background with the YUV color 117.9810, 15.7854, 23.6957.



This preview shows how white text looks on a background with the YUV color 117.9810, 15.7854,

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

117.9810, 15.7854, 23.6957

Protanopia

114.6990, 23.3194, -12.8910

Deuteranopia

115.6800, 15.4408, -5.8584



Tritanopia

116.4910, -1.2281, 20.6174

Trichromacy



Original Color

117.9810, 15.7854, 23.6957

Protanomaly

116.0920, 20.6606, -0.0807

Deuteranomaly

116.7460, 15.4082, 4.6078

Tritanomaly

116.8100, 5.0237, 22.0916

Monochromacy



Original Color

117.9810, 15.7854, 23.6957

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

118.2490, 5.7932, 8.5516

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.9810, 15.7854, 23.6957 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(145, 98, 150)` looks like.

```
.text, #text, p{  
    color:rgb(145, 98, 150)  
}
```

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(145, 98, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 98, 150) }
```

Border

The CSS property to change the border of an element to YUV 117.9810, 15.7854, 23.6957 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(145, 98, 150) }
```


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

```
.border{ border-color:rgb(145, 98, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 98, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 98, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 98, 150);  
box-shadow:4px 4px 4px 4px rgb(145, 98,  
150) }
```

Background

The CSS property to change the background color of an element to YUV 117.9810, 15.7854, 23.6957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 98, 150) }
```

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

```
.background{ background-color: rgb(145, 98,  
150) }
```

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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