

Converting Colors

YUV(119.2800, 15.6380,
24.3104)

Have a look what the booklet for
YUV(119.2800, 15.6380, 24.3104)
contains.

YUV(119.2800, 15.6380, 24.3104)	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(119.2800, 15.6380,
24.3104)**

Conversions

Conversions Part 1

Format	Color
Hex	936397
RGB	147, 99, 151
RGB Percent	58%, 39%, 59%
CMY	0.4235, 0.6118, 0.4078
CMYK	0.03, 0.34, 0.00, 0.41
HSL	295°, 21%, 49%
HSV	295°, 34%, 59%
XYZ	22.0804, 17.3611, 31.4654
YIQ	119.2800, 11.9160, 26.3480

Conversions

Conversions Part 2

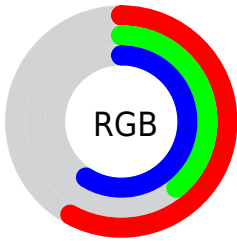
Format	Color
R_{YB}	147, 99, 151
Decimal	9659287
CIE _{Lab}	48.71, 28.44, -20.66
CIE _{LCh}	49, 35.148, 324.008
Yxy	17.3611, 0.3114, 0.2448
Android (android.graphics.Color)	4287849367 (0xFF936397)
YUV	119.2800, 15.6380, 24.3104
Hunter-Lab	41.6666, 21.6758, -15.6074

Details

The YUV color **119.2800, 15.6380, 24.3104** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **130.7200, -15.6380, -24.3104**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.4050, 16.0693, 25.9548**, and **69.7420, 14.9172, 22.1513** is the 20% darker color. If you saturate the color by 10%, you get **110.1760, 20.1262, 31.4176**, and if you desaturate by 10%, it is **128.3840, 11.1497, 17.2032**.

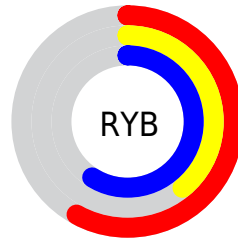
Distribution



Red (58%)

Green (39%)

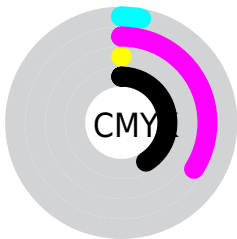
Blue (59%)



Red (58%)

Yellow (39%)

Blue (59%)

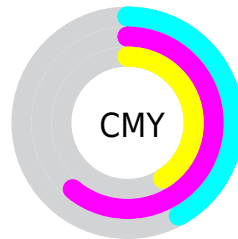


Cyan (3%)

Magenta (34%)

Yellow (0%)

Black (41%)



Cyan (42%)

Magenta (61%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.2800, 15.6380, 24.3104 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 119.2800, 15.6380, 24.3104 by changing the saturation by 10% instead.

■ 119.2800, 15.6380,
24.3104

■ 119.2800, 15.6380,
24.3104

■ 255.0000, 0.0000,
0.0000

■ 94.4540, 15.0592,
23.2808

■ 172.4050, 16.0693,
25.9548

■ 69.7420, 14.9172,
22.1513

■ 199.9320, 16.7955,
26.3696

■ 46.3290, 14.6278,
21.6365

■ 225.6500, 14.4696,
25.7400

■ 23.0300, 14.7752,
21.0217

■ 242.6730, 6.0772,
10.8108

■ 12.0200, 9.8501,
14.0145

■ 0.3420, 1.3104,
-0.2999

■ 0.0000, 0.0000,

0.0000

■ 119.2800, 15.6380,
24.3104

■ 119.2800, 15.6380,
24.3104

■ 110.1760, 20.1262,
31.4176

■ 128.3840, 11.1497,
17.2032

■ 101.0720, 24.6145,
38.5249

■ 137.4880, 6.6614,
10.0960

■ 91.9680, 29.1028,
45.6321

■ 146.5920, 2.1731,
2.9888

■ 82.5650, 33.7385,
52.1245

■ 155.9950, -2.4625,
-3.5036

■ 73.4610, 38.2267,
59.2317

■ 165.6860, -7.2402,
-11.1256

■ 63.7700, 43.0044,
66.8537

■ 174.7900,
-11.7285, -18.2328

■ 58.7750, 45.4669,
70.3573

■ 183.8940,
-16.2167, -25.3400

■ 192.9980,
-20.7050, -32.4472

■ 202.1020,
-25.1933, -39.5545

Harmonies

Analogous

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



116.5410, 26.3553, -6.6135



119.2800, 15.6380, 24.3104



118.2580, 2.3378, 43.6237

Triad

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



119.2800, 15.6380, 24.3104



113.5750, -28.8775, 22.2977



92.7430, 22.8047, -81.3356

Complementary

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



119.2800, 15.6380, 24.3104



130.7200, -15.6380, -24.3104

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.



94.4060, 7.1948, -67.8851



119.2800, 15.6380, 24.3104



110.7570, -25.0232, -0.6639

Square

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



119.2800, 15.6380, 24.3104



115.1780, -23.2588, 40.1859



106.6810, -13.1537, -27.7842



93.7180, 34.1560, -82.1907

Rectangle

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



119.2800, 15.6380, 24.3104



117.1740, -6.9878, 48.0824



106.6810, -13.1537, -27.7842



91.6030, 18.4367, -80.3358

Sweetspot

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



119.2800, 15.6380, 24.3104



184.5480, 5.6458, 9.1664



107.2760, 21.5559, -7.2581



92.5430, 3.1833, 5.6628



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



119.2800, 15.6380, 24.3104



147.2460, 24.0357, 37.4953



117.9680, 5.4388, 28.9691



72.0050, 2.4625, 3.5036



54.5310, 42.1362, 65.3093



5.0700, 3.9095, 6.0776

Inverse Universe

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



115.0040, -5.9180, 31.5685



140.6040, -9.1718, 48.5823



132.0320, -5.4388, -28.9691



71.3920, -1.1793, 4.9182



43.1140, -15.8322, 84.9690



4.0010, -1.4795, 7.8921

Previews

White Background



This preview shows how the YUV color 119.2800, 15.6380, 24.3104 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 119.2800, 15.6380, 24.3104 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 119.2800, 15.6380, 24.3104 Background



This preview shows how black text looks on a background with the YUV color 119.2800, 15.6380, 24.3104.



This preview shows how white text looks on a background with the YUV color 119.2800, 15.6380,

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

119.2800, 15.6380, 24.3104

Protanopia

115.6990, 23.3194, -12.8910

Deuteranopia

116.6800, 15.4408, -5.8584



Tritanopia

117.7900, -1.3755, 21.2322

Trichromacy



Original Color

119.2800, 15.6380, 24.3104

Protanomaly

117.3910, 20.5132, 0.5341

Deuteranomaly

117.7460, 15.4082, 4.6078

Tritanomaly

118.1090, 4.8763, 22.7064

Monochromacy



Original Color

119.2800, 15.6380, 24.3104

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

119.2490, 5.7932, 8.5516

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.2800, 15.6380, 24.3104 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(147, 99, 151)` looks like.

```
.text, #text, p{  
    color:rgb(147, 99, 151)  
}
```

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(147, 99, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 99, 151) }
```

Border

The CSS property to change the border of an element to YUV 119.2800, 15.6380, 24.3104 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(147, 99, 151) }
```


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

```
.border{ border-color:rgb(147, 99, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 99, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 99, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 99, 151);  
box-shadow:4px 4px 4px 4px rgb(147, 99,  
151) }
```

Background

The CSS property to change the background color of an element to YUV 119.2800, 15.6380, 24.3104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 99, 151) }
```

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

```
.background{ background-color: rgb(147, 99,  
151) }
```

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