

Converting Colors

YUV(117.2380, 19.1097,
-15.9947)

Have a look what the booklet for
YUV(117.2380, 19.1097, -15.9947)
contains.

YUV(117.2380, 19.1097, -15.9947)	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(117.2380, 19.1097,
-15.9947)**

Conversions

Conversions Part 1

Format	Color
Hex	63779C
RGB	99, 119, 156
RGB Percent	39%, 47%, 61%
CMY	0.6118, 0.5333, 0.3882
CMYK	0.37, 0.24, 0.00, 0.39
HSL	219°, 22%, 50%
HSV	219°, 37%, 61%
XYZ	17.7432, 18.2466, 34.0393
YIQ	117.2380, -23.7970, 7.2670

Conversions

Conversions Part 2

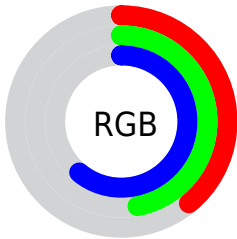
Format	Color
R _Y B	99, 114, 156
Decimal	6518684
CIE Lab	49.79, 2.17, -22.30
CIE LCh	50, 22.406, 275.546
Yxy	18.2466, 0.2534, 0.2606
Android (android.graphics.Color)	4284708764 (0xFF63779C)
YUV	117.2380, 19.1097, -15.9947
Hunter-Lab	42.7160, -0.6087, -17.3454

Details

The YUV color $117.2380, 19.1097, -15.9947$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $137.7620, -19.1097, 15.9947$, and the grayscale version is $117.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $169.5800, 20.4201, -16.2947$, and $68.2980, 18.0941, -16.9243$ is the 20% darker color. If you saturate the color by 10%, you get $106.5840, 24.3621, -20.6832$, and if you desaturate by 10%, it is $127.8920, 13.8572, -11.3063$.

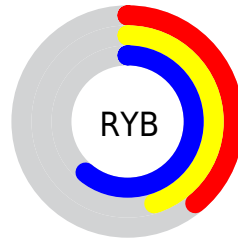
Distribution



Red (39%)

Green (47%)

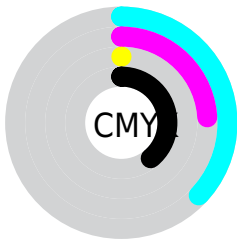
Blue (61%)



Red (39%)

Yellow (45%)

Blue (61%)

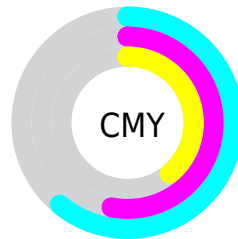


Cyan (37%)

Magenta (24%)

Yellow (0%)

Black (39%)



Cyan (61%)

Magenta (53%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.2380, 19.1097, -15.9947 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 117.2380, 19.1097, -15.9947 by changing the saturation by 10% instead.

■ 117.2380, 19.1097,
-15.9947

■ 117.2380, 19.1097,
-15.9947

■ 255.0000, 0.0000,
0.0000

■ 92.1240, 18.6729,
-15.8947

■ 169.5800, 20.4201,
-16.2947

■ 68.2980, 18.0941,
-16.9243

■ 196.9930, 20.7095,
-15.7799

■ 45.0590, 17.2259,
-18.4687

■ 223.6250, 15.4679,
-14.5801

■ 22.9340, 16.7945,
-20.1131

■ 249.0200, 2.9481,
-12.2955

■ 4.6910, 15.4353,
-4.1140

■ 1.2540, 4.8048,
-1.0998

■ 0.0000, 0.0000,

0.0000

■ 117.2380, 19.1097,
-15.9947

■ 117.2380, 19.1097,
-15.9947

■ 106.5840, 24.3621,
-20.6832

■ 127.8920, 13.8572,
-11.3063

■ 96.2290, 29.4671,
-24.7568

■ 138.2470, 8.7522,
-7.2326

■ 85.5750, 34.7195,
-29.4453

■ 148.9010, 3.4998,
-2.5442

■ 74.6330, 40.1139,
-33.0041

■ 159.8430, -1.8946,
1.0147

■ 63.9790, 45.3664,
-37.6926

■ 170.4970, -7.1470,
5.7031

■ 53.3250, 50.6188,
-42.3810

■ 181.1510,
-12.3994, 10.3916

■ 50.0690, 52.2240,
-43.9105

■ 191.5060,
-17.5045, 14.4652

■ 202.1600,
-22.7569, 19.1537

■ 212.5150,
-27.8619, 23.2273

Harmonies

Analogous

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



112.3450, 20.0429, -35.3826



117.2380, 19.1097, -15.9947



120.4040, 14.0978, 4.9077

Triad

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



117.2380, 19.1097, -15.9947



119.6250, -11.1541, 31.0239



112.4780, -5.1657, -23.2212

Complementary

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



117.2380, 19.1097, -15.9947



137.7620, -19.1097, 15.9947

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.



114.9980, -13.8030, -6.1372



117.2380, 19.1097, -15.9947



118.6750, -17.0948, 23.0870

Square

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



117.2380, 19.1097, -15.9947



120.9160, -2.4236, 30.7687



116.6580, -18.0724, 9.9469



109.2510, 5.7923, -37.9311

Rectangle

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



117.2380, 19.1097, -15.9947



121.2160, 9.2605, 16.4736



116.6580, -18.0724, 9.9469



113.3000, -8.5289, -17.8031

Sweetspot

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



117.2380, 19.1097, -15.9947



188.6170, 7.5838, -5.8031



136.5630, -0.7706, -32.9428



92.8300, 4.5208, -3.3589



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.



117.2380, 19.1097, -15.9947



143.0440, 30.0513, -25.4716



107.8900, 23.7182, -0.7805



73.6730, 2.6262, -2.3442



45.6520, 47.9926, -40.0368



4.6450, 5.1050, -4.0737

Inverse Universe

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



118.3230, 0.3338, 33.0427



144.5580, 0.7109, 52.1306



147.1100, -23.7182, 0.7805



73.7340, 0.1311, 4.6183



48.4570, 0.7607, 82.9142



5.0550, -0.0271, 8.7218

Previews

White Background



This preview shows how the YUV color 117.2380, 19.1097, -15.9947 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 117.2380, 19.1097, -15.9947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

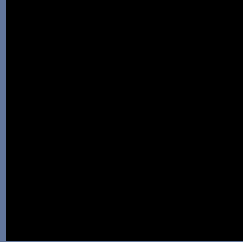
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

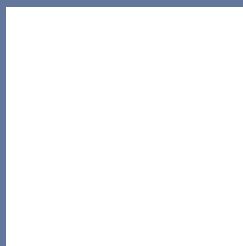
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 117.2380, 19.1097, -15.9947

Background



This preview shows how black text looks on a background with the YUV color 117.2380, 19.1097, -15.9947.



This preview shows how white text looks on a background with the YUV color 117.2380, 19.1097, -15.9947.

-15.9947.

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

117.2380, 19.1097, -15.9947

Protanopia

118.5270, 17.4882, -9.2322

Deuteranopia

118.5810, 18.9406, -8.4025



Tritanopia

115.1700, 8.7902, -19.4431

Trichromacy



Original Color

117.2380, 19.1097, -15.9947

Protanomaly

118.3310, 18.0778, -11.6913

Deuteranomaly

117.9720, 19.2408, -11.3764

Tritanomaly

116.0930, 12.2792, -18.4986

Monochromacy



Original Color

117.2380, 19.1097, -15.9947

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

117.0900, 6.8576, -6.2179

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.2380, 19.1097, -15.9947 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(99, 119, 156)` looks like.

```
.text, #text, p{  
    color:rgb(99, 119, 156)  
}
```

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(99, 119, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 119, 156) }
```

Border

The CSS property to change the border of an element to YUV 117.2380, 19.1097, -15.9947 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(99, 119, 156) }
```


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

```
.border{ border-color:rgb(99, 119, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 119, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 119, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 119, 156);  
box-shadow:4px 4px 4px 4px rgb(99, 119,  
156) }
```

Background

The CSS property to change the background color of an element to YUV 117.2380, 19.1097, -15.9947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 119, 156) }
```

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

```
.background{ background-color: rgb(99, 119,  
156) }
```

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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