

Converting Colors

YUV(119.1190, 16.2103,
-19.3984)

Have a look what the booklet for
YUV(119.1190, 16.2103, -19.3984)
contains.

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Color

**YUV(119.1190, 16.2103,
-19.3984)**

Conversions

Conversions Part 1

Format	Color
Hex	617C98
RGB	97, 124, 152
RGB Percent	38%, 49%, 60%
CMY	0.6196, 0.5137, 0.4039
CMYK	0.36, 0.18, 0.00, 0.40
HSL	211°, 22%, 49%
HSV	211°, 36%, 60%
XYZ	17.8049, 19.2237, 32.4779
YIQ	119.1190, -25.0800, 2.9840

Conversions

Conversions Part 2

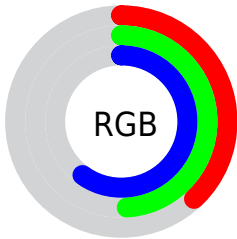
Format	Color
R_{YB}	97, 115, 152
Decimal	6388888
CIE _{Lab}	50.95, -2.48, -18.20
CIE _{LCh}	51, 18.371, 262.249
Yxy	19.2237, 0.2562, 0.2766
Android (android.graphics.Color)	4284578968 (0xFF617C98)
YUV	119.1190, 16.2103, -19.3984
Hunter-Lab	43.8448, -4.2415, -13.2275

Details

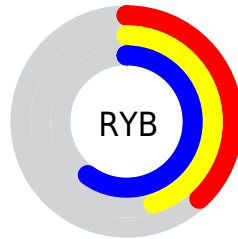
The YUV color **119.1190, 16.2103, -19.3984** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **129.8810, -16.2103, 19.3984**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.3470, 17.0839, -19.5983**, and **69.5920, 15.4841, -19.8132** is the 20% darker color. If you saturate the color by 10%, you get **109.9380, 20.7366, -24.5016**, and if you desaturate by 10%, it is **128.3000, 11.6841, -14.2951**.

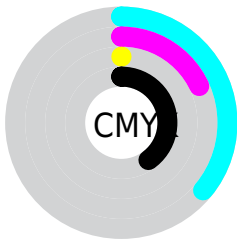
Distribution



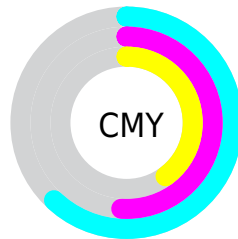
- Red (38%)
- Green (49%)
- Blue (60%)



- Red (38%)
- Yellow (45%)
- Blue (60%)



- Cyan (36%)
- Magenta (18%)
- Yellow (0%)
- Black (40%)



- Cyan (62%)
- Magenta (51%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.1190, 16.2103, -19.3984 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 119.1190, 16.2103, -19.3984 by changing the saturation by 10% instead.

■ 119.1190, 16.2103,
-19.3984

■ 119.1190, 16.2103,
-19.3984

255.0000, 0.0000,
0.0000

■ 94.0050, 15.7735,
-19.2984

■ 171.3470, 17.0839,
-19.5983

■ 69.5920, 15.4841,
-19.8132

■ 199.1620, 17.6681,
-20.3131

■ 46.4670, 15.0528,
-21.4576

■ 226.2500, 14.1738,
-19.5132

■ 24.9400, 14.3266,
-21.8724

■ 248.4220, 3.2430,
-13.5251

■ 7.8710, 12.3886,
-6.9029

■ 0.6840, 2.6208,
-0.5999

■ 0.0000, 0.0000,

0.0000

■ 119.1190, 16.2103,
-19.3984

■ 119.1190, 16.2103,
-19.3984

■ 109.9380, 20.7366,
-24.5016

■ 128.3000, 11.6841,
-14.2951

■ 101.3440, 24.9734,
-30.1197

■ 136.8940, 7.4473,
-8.6770

■ 91.8640, 29.6470,
-35.8377

■ 146.3740, 2.7736,
-2.9590

■ 82.6830, 34.1733,
-40.9410

■ 155.5550, -1.7526,
2.1443

■ 73.5020, 38.6995,
-46.0443

■ 164.7360, -6.2788,
7.2475

■ 64.9080, 42.9364,
-51.6623

■ 173.3300,
-10.5157, 12.8656

■ 61.3530, 44.6890,
-53.8066

■ 182.5110,
-15.0419, 17.9689

■ 191.9910,
-19.7156, 23.6869

■ 201.1720,
-24.2418, 28.7902

Harmonies

Analogous

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



115.7000, 14.9379, -31.3089



119.1190, 16.2103, -19.3984



122.5340, 13.5407, -3.0993

Triad

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



119.1190, 16.2103, -19.3984



123.7430, -6.7753, 26.5354



117.5610, -7.6716, -12.7700

Complementary

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



119.1190, 16.2103, -19.3984



129.8810, -16.2103, 19.3984

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.



119.4550, -13.5353, 1.3550



119.1190, 16.2103, -19.3984



122.5270, -12.5848, 23.2168

Square

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



119.1190, 16.2103, -19.3984



123.7840, 1.0925, 22.9914



121.1900, -14.8837, 13.8654



115.3620, 0.8075, -25.7505

Rectangle

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



119.1190, 16.2103, -19.3984



123.5030, 10.5980, 7.4519



121.1900, -14.8837, 13.8654



118.3120, -10.0138, -8.1666

Sweetspot

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



119.1190, 16.2103, -19.3984



183.2640, 6.2788, -7.2475



132.4770, -3.6862, -31.1133



91.8900, 3.5052, -4.2885



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.



119.1190, 16.2103, -19.3984



145.6430, 24.8260, -29.5049



103.2700, 24.0239, -5.4988



72.2600, 2.3368, -2.8590



56.4630, 41.1837, -49.5181



5.0040, 3.9420, -4.3885

Inverse Universe

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



116.5230, 3.6862, 31.1133



141.7900, 5.5265, 47.5422



145.7300, -24.0239, 5.4988



71.8480, 0.5679, 4.5183



49.7260, 9.5021, 79.1703



4.5710, 0.7045, 7.3922

Previews

White Background



This preview shows how the YUV color 119.1190, 16.2103, -19.3984 looks on a white 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

Black Background



This preview shows how the YUV color 119.1190, 16.2103, -19.3984 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

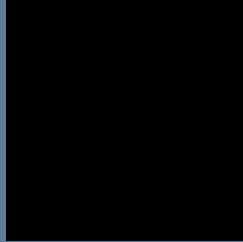
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

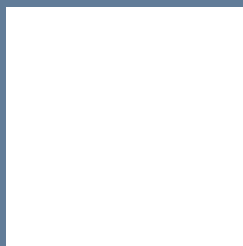
Any Text WCAG AAA × Fail

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

YUV 119.1190, 16.2103, -19.3984 Background



This preview shows how black text looks on a background with the YUV color 119.1190, 16.2103, -19.3984.



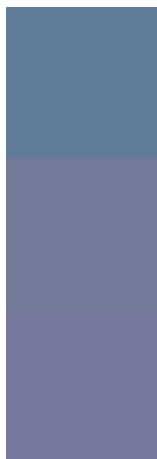
This preview shows how white text looks on a background with the YUV color 119.1190, 16.2103, -19.3984.

-19.3984.

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

119.1190, 16.2103, -19.3984

Protanopia

121.5120, 13.5516, -6.5880

Deuteranopia

121.9790, 15.2934, -5.2436



Tritanopia

117.9740, 9.3798, -21.9022

Trichromacy



Original Color

119.1190, 16.2103, -19.3984

Protanomaly

120.4190, 14.5834, -10.8915

Deuteranomaly

121.0600, 15.7464, -10.5766

Tritanomaly

118.2560, 11.7058, -21.2725

Monochromacy



Original Color

119.1190, 16.2103, -19.3984

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

119.1500, 5.8420, -7.1476

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.1190, 16.2103, -19.3984 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(97, 124, 152)` looks like.

```
.text, #text, p{  
    color:rgb(97, 124, 152)  
}
```

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(97, 124, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 124, 152) }
```

Border

The CSS property to change the border of an element to YUV 119.1190, 16.2103, -19.3984 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(97, 124, 152) }
```


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

```
.border{ border-color:rgb(97, 124, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 124, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 124, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 124, 152);  
box-shadow:4px 4px 4px 4px rgb(97, 124,  
152) }
```

Background

The CSS property to change the background color of an element to YUV 119.1190, 16.2103, -19.3984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 124, 152) }
```

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

```
.background{ background-color: rgb(97, 124,  
152) }
```

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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