

Converting Colors

YUV(119.4090, 9.6584,
-17.8987)

Have a look what the booklet for
YUV(119.4090, 9.6584, -17.8987)
contains.

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Color

**YUV(119.4090, 9.6584,
-17.8987)**

Conversions

Conversions Part 1

Format	Color
Hex	637E8B
RGB	99, 126, 139
RGB Percent	39%, 49%, 55%
CMY	0.6118, 0.5059, 0.4549
CMYK	0.29, 0.09, 0.00, 0.45
HSL	199°, 17%, 47%
HSV	199°, 29%, 55%
XYZ	17.2666, 19.4384, 27.2680
YIQ	119.4090, -20.2650, -1.6810

Conversions

Conversions Part 2

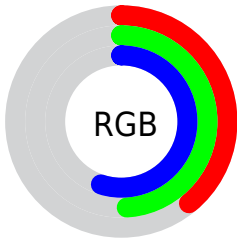
Format	Color
R_{YB}	99, 115, 139
Decimal	6520459
CIE _{Lab}	51.20, -6.46, -10.21
CIE _{LCh}	51, 12.082, 237.673
Yxy	19.4384, 0.2699, 0.3039
Android (android.graphics.Color)	4284710539 (0xFF637E8B)
YUV	119.4090, 9.6584, -17.8987
Hunter-Lab	44.0890, -7.2497, -5.8071

Details

The YUV color **119.4090, 9.6584, -17.8987** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **118.5910, -9.6584, 17.8987**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.1100, 9.8058, -18.5135**, and **70.5940, 9.0742, -17.1839** is the 20% darker color. If you saturate the color by 10%, you get **112.2880, 13.1690, -23.9316**, and if you desaturate by 10%, it is **126.5300, 6.1477, -11.8658**.

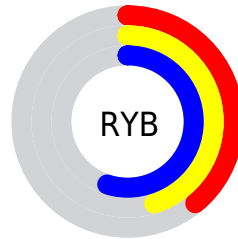
Distribution



Red (39%)

Green (49%)

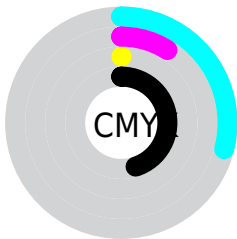
Blue (55%)



Red (39%)

Yellow (45%)

Blue (55%)

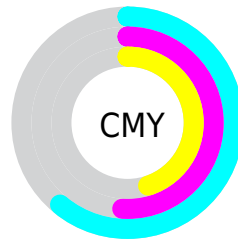


Cyan (29%)

Magenta (9%)

Yellow (0%)

Black (45%)



Cyan (61%)

Magenta (51%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.4090, 9.6584, -17.8987 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 119.4090, 9.6584, -17.8987 by changing the saturation by 10% instead.

■ 119.4090, 9.6584,
-17.8987

■ 119.4090, 9.6584,
-17.8987

■ 255.0000, 0.0000,
0.0000

■ 94.4090, 9.6584,
-17.8987

■ 172.1100, 9.8058,
-18.5135

■ 70.5940, 9.0742,
-17.1839

■ 199.2240, 10.2426,
-18.6134

■ 47.2950, 9.2216,
-17.7987

■ 227.0390, 10.8268,
-19.3282

■ 25.2840, 9.2270,
-19.5431

■ 248.7210, 3.0955,
-12.9103

■ 7.9050, 7.4418,
-6.9327

■ 0.0000, 0.0000,
0.0000

■ 119.4090, 9.6584,
-17.8987

■ 119.4090, 9.6584,
-17.8987

■ 112.2880, 13.1690,
-23.9316

■ 126.5300, 6.1477,
-11.8658

■ 105.7540, 16.3903,
-30.4793

■ 133.0640, 2.9264,
-5.3181

■ 98.6330, 19.9009,
-36.5121

■ 140.1850, -0.5842,
0.7148

■ 92.0990, 23.1222,
-43.0598

■ 146.7190, -3.8055,
7.2624

■ 85.2770, 26.4854,
-48.4779

■ 153.8400, -7.3161,
13.2953

■ 78.7430, 29.7067,
-55.0256

■ 160.0750,
-10.3900, 19.2282

■ 71.6220, 33.2174,
-61.0585


■ 167.1960,
-13.9006, 25.2611

■ 71.0240, 33.5122,

■ 173.7300,

-62.2880

-17.1219, 31.8088

 180.8510,
-20.6325, 37.8417

Harmonies

Analogous

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



118.4750, 6.1748, -20.5876



119.4090, 9.6584, -17.8987



121.2790, 10.2155, -9.8917

Triad

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



119.4090, 9.6584, -17.8987



123.9850, -0.4856, 15.7992



120.5240, -8.1463, -0.4595

Complementary

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



119.4090, 9.6584, -17.8987



118.5910, -9.6584, 17.8987

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.



121.8240, -9.7732, 8.0474



119.4090, 9.6584, -17.8987



123.4430, -5.1484, 18.0285

Square

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



119.4090, 9.6584, -17.8987



124.2060, 4.3354, 9.4663



123.0960, -8.9213, 14.8248



119.4950, -4.1880, -10.0811

Rectangle

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



119.4090, 9.6584, -17.8987



122.3830, 9.1782, -3.8439



123.0960, -8.9213, 14.8248



120.9050, -9.3202, 2.7143

Sweetspot

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



119.4090, 9.6584, -17.8987



173.2810, 3.8055, -7.2624



123.9620, -5.8973, -21.8917



87.2490, 2.3422, -4.6034



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



119.4090, 9.6584, -17.8987



149.8360, 15.3639, -27.9202



107.6690, 15.4462, -7.6027



65.7330, 1.6106, -3.2738



67.9920, 32.0489, -59.6290



2.3310, 1.3158, -2.0443

Inverse Universe

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



114.0380, 5.8973, 21.8917



141.6250, 9.0589, 34.5319



130.3310, -15.4462, 7.6027



64.6630, 1.1521, 3.8035



50.0270, 19.7067, 72.7673



1.8370, 0.5734, 2.7740

Previews

White Background



This preview shows how the YUV color 119.4090, 9.6584, -17.8987 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 119.4090, 9.6584, -17.8987 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

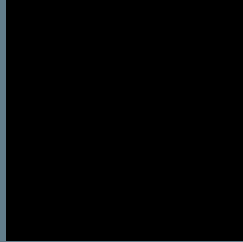
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

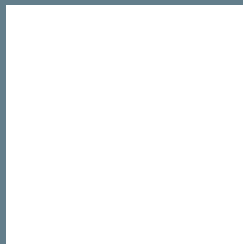
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 119.4090, 9.6584, -17.8987

Background



This preview shows how black text looks on a background with the YUV color 119.4090, 9.6584, -17.8987.



This preview shows how white text looks on a background with the YUV color 119.4090, 9.6584,

-17.8987.

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

119.4090, 9.6584, -17.8987

Protanopia

122.4110, 6.6994, -2.1144

Deuteranopia

123.0030, 8.8725, 0.8744



Tritanopia

118.8820, 8.9322, -18.3135

Trichromacy



Original Color

119.4090, 9.6584, -17.8987

Protanomaly

121.3070, 7.7366, -8.1622

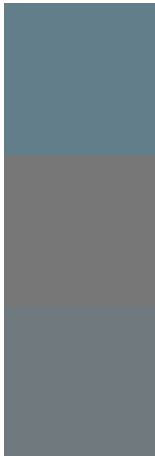
Deuteranomaly

121.9590, 8.8942, -6.1030

Tritanomaly

118.9960, 9.3690, -18.4135

Monochromacy



Original Color

119.4090, 9.6584, -17.8987

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

119.4660, 3.2213, -6.5477

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.4090, 9.6584, -17.8987 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, 126, 139)` looks like.

```
.text, #text, p{  
    color:rgb(99, 126, 139)  
}
```

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, 126, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 126, 139) }
```

Border

The CSS property to change the border of an element to YUV 119.4090, 9.6584, -17.8987 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, 126, 139) }
```


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

```
.border{ border-color:rgb(99, 126, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 126, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 126, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 126, 139);  
box-shadow:4px 4px 4px 4px rgb(99, 126,  
139) }
```

Background

The CSS property to change the background color of an element to YUV 119.4090, 9.6584, -17.8987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 126, 139) }
```

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

```
.background{ background-color: rgb(99, 126,  
139) }
```

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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