

Converting Colors

YUV(119.0180, 15.7671,
-64.0368)

Have a look what the booklet for
YUV(119.0180, 15.7671, -64.0368)
contains.

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Color

**YUV(119.0180, 15.7671,
-64.0368)**

Conversions

Conversions Part 1

Format	Color
Hex	2E9697
RGB	46, 150, 151
RGB Percent	18%, 59%, 59%
CMY	0.8196, 0.4118, 0.4078
CMYK	0.70, 0.01, 0.00, 0.41
HSL	181°, 53%, 39%
HSV	181°, 70%, 59%
XYZ	17.6190, 24.6279, 33.1032
YIQ	119.0180, -62.3050, -21.7370

Conversions

Conversions Part 2

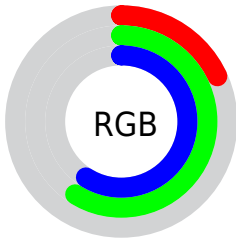
Format	Color
RYB	46, 98, 151
Decimal	3053207
CIELab	56.71, -28.32, -9.12
CIELCh	57, 29.750, 197.849
Yxy	24.6279, 0.2338, 0.3268
Android (android.graphics.Color)	4281243287 (0xFF2E9697)
YUV	119.0180, 15.7671, -64.0368
Hunter-Lab	49.6265, -23.4733, -4.8106

Details

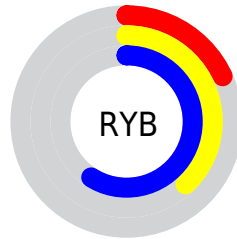
The YUV color **119.0180, 15.7671, -64.0368** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **77.9820, -15.7671, 64.0368**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.9970, 14.2985, -59.6334**, and **69.5130, 15.0301, -60.9629** is the 20% darker color. If you saturate the color by 10%, you get **114.5330, 17.9782, -73.2584**, and if you desaturate by 10%, it is **123.5030, 13.5560, -54.8151**.

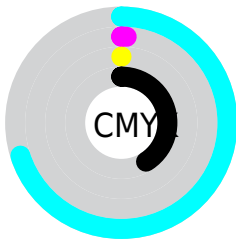
Distribution



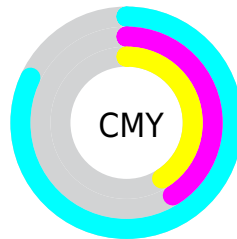
- Red (18%)
- Green (59%)
- Blue (59%)



- Red (18%)
- Yellow (38%)
- Blue (59%)



- Cyan (70%)
- Magenta (1%)
- Yellow (0%)
- Black (41%)



- Cyan (82%)
- Magenta (41%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.0180, 15.7671, -64.0368 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 119.0180, 15.7671, -64.0368 by changing the saturation by 10% instead.

■ 119.0180, 15.7671,
-64.0368

■ 119.0180, 15.7671,
-64.0368

255.0000, 0.0000,
0.0000

■ 87.0380, 18.7153,
-76.3323

■ 175.9970, 14.2985,
-59.6334

■ 69.5130, 15.0301,
-60.9629

■ 204.2960, 14.1511,
-59.0186

■ 52.1020, 11.7817,
-45.6935

■ 228.0900, 13.2666,
-55.3299

■ 36.0930, 8.8282,
-31.6536

■ 236.7610, 8.9918,
-37.5014

■ 22.4320, 4.7170,
-19.6729

■ 245.7310, 4.5696,
-19.0581

■ 0.9120, 3.4944,
-0.7998

254.7010, 0.1474,

■ 0.0000, 0.0000,

-0.6148

0.0000

■ 119.0180, 15.7671,
-64.0368

■ 119.0180, 15.7671,
-64.0368

■ 114.5330, 17.9782,
-73.2584

■ 123.5030, 13.5560,
-54.8151

■ 110.0480, 20.1893,
-82.4801

■ 127.9880, 11.3449,
-45.5935

■ 105.5630, 22.4004,
-91.7018

■ 132.4730, 9.1338,
-36.3718

■ 105.2640, 22.5478,
-92.3165

■ 137.5450, 6.6333,
-27.6650

■ 142.3290, 4.2748,
-17.8285

■ 146.8140, 2.0637,
-8.6069

■ 151.2990, -0.1474,
0.6148

■ 155.7840, -2.3585,
9.8364

■ 160.2690, -4.5696,
19.0581

Harmonies

Analogous

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



124.3230, -0.1592, -42.3793



119.0180, 15.7671, -64.0368



119.5800, 26.8291, -65.4067

Triad

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



119.0180, 15.7671, -64.0368



139.5240, 15.5177, 16.2035



135.4380, -24.3729, 24.1719

Complementary

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



119.0180, 15.7671, -64.0368



77.9820, -15.7671, 64.0368

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.



137.0190, -18.7434, 38.5713



119.0180, 15.7671, -64.0368



139.3710, 4.2541, 35.6316

Square

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



119.0180, 15.7671, -64.0368



136.2370, 24.0402, -10.7318



138.3860, -8.5713, 42.6345



132.6590, -23.0029, 4.6841

Rectangle

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



119.0180, 15.7671, -64.0368



126.0210, 28.0906, -50.0074



138.3860, -8.5713, 42.6345



136.1120, -23.2262, 29.7198

Sweetspot

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



119.0180, 15.7671, -64.0368



183.7410, 6.0437, -25.2059



107.6350, -30.3861, -54.0539



91.8240, 3.5378, -14.7546



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.



119.0180, 15.7671, -64.0368



146.6760, 24.3167, -99.6939



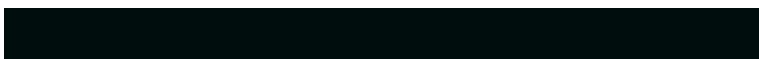
89.0810, 30.5261, -37.7820



74.0210, 1.4686, -4.4034



97.5530, 20.9264, -85.5540



9.1130, 1.9163, -7.9921

Inverse Universe

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



89.2510, 29.9493, 54.1539



100.2050, 46.7339, 84.0122



108.5060, -30.8155, 37.2672



72.1900, 1.8783, 4.2184



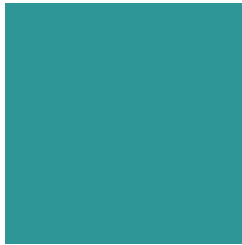
57.7060, 40.0779, 72.1718



5.3690, 3.7621, 6.6924

Previews

White Background



This preview shows how the YUV color 119.0180, 15.7671, -64.0368 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 119.0180, 15.7671, -64.0368 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

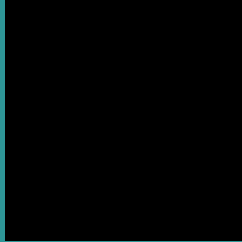
Any Text WCAG AA ✓ Pass

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 119.0180, 15.7671, -64.0368 Background



This preview shows how black text looks on a background with the YUV color 119.0180, 15.7671, -64.0368.



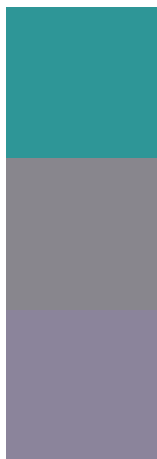
This preview shows how white text looks on a background with the YUV color 119.0180, 15.7671, -64.0368.

-64.0368.

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

119.0180, 15.7671, -64.0368

Protanopia

135.3960, 2.7628, 0.5297

Deuteranopia

136.7150, 9.0145, 2.0039



Tritanopia

121.3650, 19.5401, -60.8331

Trichromacy



Original Color

119.0180, 15.7671, -64.0368

Protanomaly

129.5070, 7.6380, -23.2466

Deuteranomaly

130.5440, 11.5638, -22.4021

Tritanomaly

120.3110, 18.0877, -61.6627

Monochromacy



Original Color

119.0180, 15.7671, -64.0368

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

118.7520, 6.0383, -23.4615

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.0180, 15.7671, -64.0368 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(46, 150, 151)` looks like.

```
.text, #text, p{  
    color:rgb(46, 150, 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(46, 150, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 150, 151) }
```

Border

The CSS property to change the border of an element to YUV 119.0180, 15.7671, -64.0368 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(46, 150, 151) }
```


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

```
.border{ border-color:rgb(46, 150, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 150, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 150, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 150, 151);  
box-shadow:4px 4px 4px 4px rgb(46, 150,  
151) }
```

Background

The CSS property to change the background color of an element to YUV 119.0180, 15.7671, -64.0368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 150, 151) }
```

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

```
.background{ background-color: rgb(46, 150,  
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](#).

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