

Converting Colors

YUV(119.8380, 15.3629,
-74.4029)

Have a look what the booklet for
YUV(119.8380, 15.3629, -74.4029)
contains.

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Color

**YUV(119.8380, 15.3629,
-74.4029)**

Conversions

Conversions Part 1

Format	Color
Hex	239D97
RGB	35, 157, 151
RGB Percent	14%, 62%, 59%
CMY	0.8627, 0.3843, 0.4078
CMYK	0.78, 0.00, 0.04, 0.38
HSL	177°, 64%, 38%
HSV	177°, 78%, 62%
XYZ	18.3360, 26.7056, 33.4664
YIQ	119.8380, -70.7860, -27.7300

Conversions

Conversions Part 2

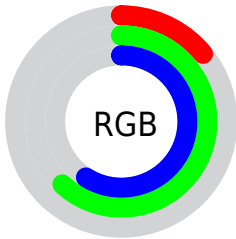
Format	Color
RYB	35, 98, 157
Decimal	2334103
CIELab	58.70, -33.08, -6.18
CIELCh	59, 33.651, 190.579
Yxy	26.7056, 0.2336, 0.3402
Android (android.graphics.Color)	4280524183 (0xFF239D97)
YUV	119.8380, 15.3629, -74.4029
Hunter-Lab	51.6775, -27.1009, -2.2221

Details

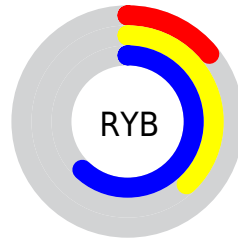
The YUV color **119.8380, 15.3629, -74.4029** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **72.1620, -15.3629, 74.4029**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.3120, 13.1572, -66.9256**, and **73.0350, 13.2937, -64.0517** is the 20% darker color. If you saturate the color by 10%, you get **114.9400, 17.2846, -84.1394**, and if you desaturate by 10%, it is **124.7360, 13.4412, -64.6665**.

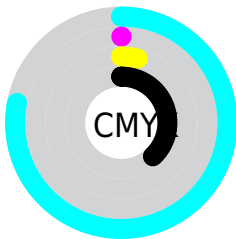
Distribution



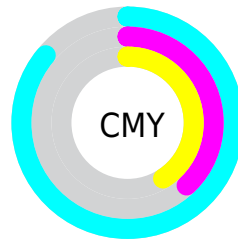
- Red (14%)
- Green (62%)
- Blue (59%)



- Red (14%)
- Yellow (38%)
- Blue (62%)



- Cyan (78%)
- Magenta (0%)
- Yellow (4%)
- Black (38%)



- Cyan (86%)
- Magenta (38%)
- Yellow (41%)
- Black (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.8380, 15.3629, -74.4029 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 119.8380, 15.3629, -74.4029 by changing the saturation by 10% instead.

■ 119.8380, 15.3629,
-74.4029

■ 119.8380, 15.3629,
-74.4029

■ 255.0000, 0.0000,
0.0000

■ 91.1470, 16.6895,
-79.9359

■ 178.3120, 13.1572,
-66.9256

■ 73.0350, 13.2937,
-64.0517

■ 207.4970, 12.5730,
-66.2109

■ 55.6240, 10.0454,
-48.7822

■ 226.8940, 13.8563,
-57.7890

■ 39.0280, 7.3812,
-34.2276

■ 235.8640, 9.4340,
-39.3457

■ 24.7800, 3.5595,
-21.7321

■ 244.5350, 5.1592,
-21.5172

■ 1.1400, 4.3680,
-0.9998

■ 253.5050, 0.7370,

■ 0.0000, 0.0000,

-3.0739

0.0000

■ 119.8380, 15.3629,
-74.4029

■ 119.8380, 15.3629,
-74.4029

■ 114.9400, 17.2846,
-84.1394

■ 124.7360, 13.4412,
-64.6665

■ 110.3410, 19.0589,
-93.2611

■ 129.3350, 11.6668,
-55.5448

■ 109.1450, 19.6485,
-95.7202

■ 134.1190, 9.3083,
-45.7084

■ 139.0170, 7.3866,
-35.9719

■ 143.9150, 5.4649,
-26.2355

■ 148.5140, 3.6906,
-17.1138

■ 153.2980, 1.3321,
-7.2773

■ 158.1960, -0.5896,
2.4591

■ 162.7950, -2.3639,
11.5808

Harmonies

Analogous

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



128.9980, -3.9430, -42.0942



119.8380, 15.3629, -74.4029



111.3910, 33.3312, -97.6899

Triad

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



119.8380, 15.3629, -74.4029



144.7560, 20.3333, 11.6150



140.7980, -27.0154, 31.7492

Complementary

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



119.8380, 15.3629, -74.4029



72.1620, -15.3629, 74.4029

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.



142.0630, -18.7651, 45.5487



119.8380, 15.3629, -74.4029



145.1090, 8.3273, 35.8614

Square

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



119.8380, 15.3629, -74.4029



139.8380, 29.1669, -21.7829



143.5160, -5.6774, 47.7825



138.1390, -27.6765, 10.4021

Rectangle

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



119.8380, 15.3629, -74.4029



123.6700, 33.6867, -71.6246



143.5160, -5.6774, 47.7825



141.1130, -24.7057, 37.6119

Sweetspot

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



119.8380, 15.3629, -74.4029



189.7190, 6.0545, -28.6946



108.4080, -36.1901, -59.1168



93.2150, 3.8380, -17.7286



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.



119.8380, 15.3629, -74.4029



146.1640, 24.0761, -115.9078



88.2370, 33.9002, -46.6888



76.6080, 1.1793, -4.9182



99.4450, 18.0216, -87.2133



10.5150, 2.2111, -9.2217

Inverse Universe

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



72.1620, -15.3629, 74.4029



71.9500, -23.6394, 115.8079



103.7630, -33.9002, 46.6888



73.5060, -0.7425, 4.8182



43.5550, -18.0216, 87.2133



4.5990, -1.7743, 9.1217

Previews

White Background



This preview shows how the YUV color 119.8380, 15.3629, -74.4029 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 119.8380, 15.3629, -74.4029 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

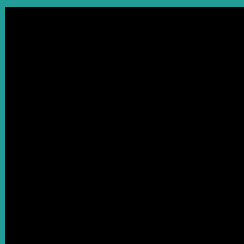
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

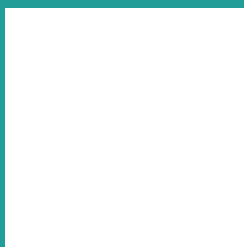
Any Text WCAG AAA × Fail

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

YUV 119.8380, 15.3629, -74.4029 Background



This preview shows how black text looks on a background with the YUV color 119.8380, 15.3629, -74.4029.



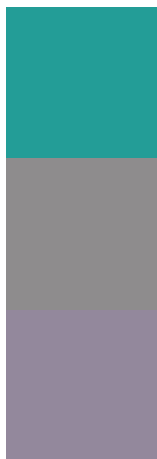
This preview shows how white text looks on a background with the YUV color 119.8380, 15.3629, -74.4029.

-74.4029.

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

119.8380, 15.3629, -74.4029

Protanopia

140.7120, 0.1420, 1.1296

Deuteranopia

141.5690, 7.1145, 4.7630



Tritanopia

124.0760, 21.1615, -67.5957

Trichromacy



Original Color

119.8380, 15.3629, -74.4029

Protanomaly

133.0290, 5.9017, -26.3354

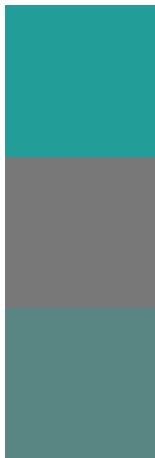
Deuteranomaly

133.7780, 9.9694, -24.3613

Tritanomaly

122.7830, 18.8410, -69.9697

Monochromacy



Original Color

119.8380, 15.3629, -74.4029

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

119.6160, 5.6123, -26.8502

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.8380, 15.3629, -74.4029 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(35, 157, 151)` looks like.

```
.text, #text, p{  
    color:rgb(35, 157, 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(35, 157, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 157, 151) }
```

Border

The CSS property to change the border of an element to YUV 119.8380, 15.3629, -74.4029 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(35, 157, 151) }
```


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

```
.border{ border-color:rgb(35, 157, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 157, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 157, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 157, 151);  
box-shadow:4px 4px 4px 4px rgb(35, 157,  
151) }
```

Background

The CSS property to change the background color of an element to YUV 119.8380, 15.3629, -74.4029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 157, 151) }
```

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

```
.background{ background-color: rgb(35, 157,  
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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