

Converting Colors

YUV(119.3340, 29.9083,
-73.0839)

Have a look what the booklet for
YUV(119.3340, 29.9083, -73.0839)
contains.

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Color

**YUV(119.3340, 29.9083,
-73.0839)**

Conversions

Conversions Part 1

Format	Color
Hex	2496B4
RGB	36, 150, 180
RGB Percent	14%, 59%, 71%
CMY	0.8588, 0.4118, 0.2941
CMYK	0.80, 0.17, 0.00, 0.29
HSL	192°, 67%, 42%
HSV	192°, 80%, 71%
XYZ	19.8721, 25.4830, 47.0514
YIQ	119.3340, -77.5740, -14.8380

Conversions

Conversions Part 2

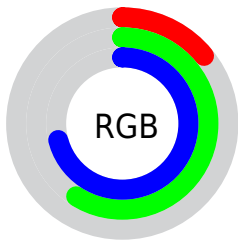
Format	Color
R_{YB}	36, 100, 180
Decimal	2397876
CIE _{Lab}	57.54, -20.24, -24.41
CIE _{LCh}	58, 31.705, 230.338
Yxy	25.4830, 0.2151, 0.2758
Android (android.graphics.Color)	4280587956 (0xFF2496B4)
YUV	119.3340, 29.9083, -73.0839
Hunter-Lab	50.4807, -18.0734, -19.9257

Details

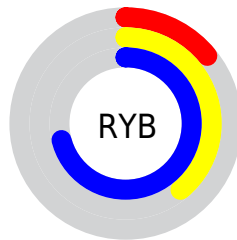
The YUV color **119.3340, 29.9083, -73.0839** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **96.6660, -29.9083, 73.0839**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.3460, 28.4234, -63.4474**, and **72.5910, 26.8236, -63.6623** is the 20% darker color. If you saturate the color by 10%, you get **111.6040, 33.7192, -82.0907**, and if you desaturate by 10%, it is **127.0640, 26.0974, -64.0771**.

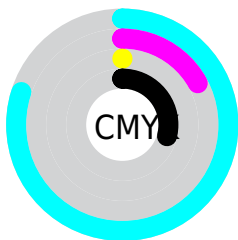
Distribution



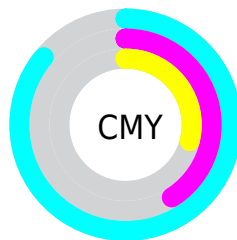
- Red (14%)
- Green (59%)
- Blue (71%)



- Red (14%)
- Yellow (39%)
- Blue (71%)



- Cyan (80%)
- Magenta (17%)
- Yellow (0%)
- Black (29%)



- Cyan (86%)
- Magenta (41%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.3340, 29.9083, -73.0839 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 119.3340, 29.9083, -73.0839 by changing the saturation by 10% instead.

■ 119.3340, 29.9083,
-73.0839

■ 119.3340, 29.9083,
-73.0839

■ 255.0000, 0.0000,
0.0000

■ 90.2300, 30.9456,
-79.1317

■ 178.3460, 28.4234,
-63.4474

■ 72.5910, 26.8236,
-63.6623

■ 206.5050, 23.9080,
-61.8329

■ 55.6530, 22.8491,
-48.8077

■ 228.3890, 13.1192,
-54.7152

■ 39.4160, 19.0219,
-34.5678

■ 237.0600, 8.8444,
-36.8866

■ 25.0540, 14.7634,
-21.9724

■ 246.0300, 4.4222,
-18.4433

■ 5.0500, 14.2723,
-4.4289

■ 0.7980, 3.0576,

-0.6998

■ 0.0000, 0.0000,
0.0000

■ 119.3340, 29.9083,
-73.0839

■ 119.3340, 29.9083,
-73.0839

■ 111.6040, 33.7192,
-82.0907

■ 127.0640, 26.0974,
-64.0771

■ 104.4610, 37.2407,
-91.6123

■ 134.7940, 22.2866,
-55.0703

■ 141.9370, 18.7651,
-45.5487

■ 149.6670, 14.9542,
-36.5420

■ 157.3970, 11.1433,
-27.5352

■ 165.1270, 7.3324,
-18.5284

■ 172.2700, 3.8109,
-9.0068

■ 180.0000, 0.0000,
0.0000

■ 187.7300, -3.8109,
9.0068

Harmonies

Analogous

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



117.1630, 19.1466, -74.6880



119.3340, 29.9083, -73.0839



131.2330, 29.9581, -42.3003

Triad

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



119.3340, 29.9083, -73.0839



141.7520, 3.0803, 38.8055



134.0070, -24.1605, 2.6249

Complementary

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



119.3340, 29.9083, -73.0839



96.6660, -29.9083, 73.0839

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.



136.9820, -26.1201, 24.5718



119.3340, 29.9083, -73.0839



140.3540, -10.0345, 45.2935

Square

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



119.3340, 29.9083, -73.0839



141.6600, 15.9436, 19.5922



138.8620, -20.6380, 39.5860



130.7850, -14.1910, -21.7364

Rectangle

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



119.3340, 29.9083, -73.0839



136.9800, 27.1249, -20.1535



138.8620, -20.6380, 39.5860



135.5950, -25.9293, 10.0022

Sweetspot

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



119.3340, 29.9083, -73.0839



210.9130, 11.8749, -28.8647



123.8340, -29.0052, -77.0304



102.7250, 7.0376, -17.2988



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



119.3340, 29.9083, -73.0839



139.8370, 46.9154, -114.7440



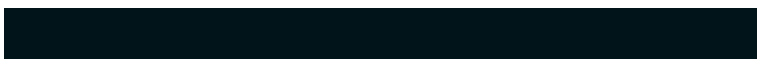
77.6570, 50.4551, -36.5332



85.1350, 1.9054, -4.5034



88.4690, 31.8138, -77.5873



14.7040, 5.5689, -12.8954

Inverse Universe

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



92.0520, 28.5684, 77.1304



96.9800, 44.8729, 121.0435



138.3430, -50.4551, 36.5332



83.4890, 1.7309, 4.8331



59.5410, 30.2993, 81.9635



10.0540, 4.9034, 13.9846

Previews

White Background



This preview shows how the YUV color 119.3340, 29.9083, -73.0839 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 119.3340, 29.9083, -73.0839 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

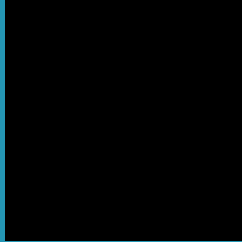
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 119.3340, 29.9083, -73.0839

Background



This preview shows how black text looks on a background with the YUV color 119.3340, 29.9083, -73.0839.

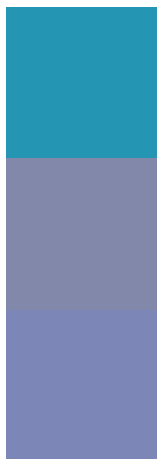


This preview shows how white text looks on a background with the YUV color 119.3340, 29.9083, -73.0839.

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

119.3340, 29.9083, -73.0839

Protanopia

137.7830, 15.8830, -7.7027

Deuteranopia

137.4820, 22.4404, -10.9467



Tritanopia

112.8070, 25.7311, -86.6537

Trichromacy



Original Color

119.3340, 29.9083, -73.0839

Protanomaly

131.0080, 21.1951, -31.5790

Deuteranomaly

130.7350, 25.2736, -33.0936

Tritanomaly

115.1820, 27.0253, -81.7206

Monochromacy



Original Color

119.3340, 29.9083, -73.0839

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

118.9950, 10.8485, -26.3056

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.3340, 29.9083, -73.0839 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(36, 150, 180)` looks like.

```
.text, #text, p{  
    color:rgb(36, 150, 180)  
}
```

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(36, 150, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 150, 180) }
```

Border

The CSS property to change the border of an element to YUV 119.3340, 29.9083, -73.0839 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(36, 150, 180) }
```


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

```
.border{ border-color:rgb(36, 150, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 150, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 150, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 150, 180);  
box-shadow:4px 4px 4px 4px rgb(36, 150,  
180) }
```

Background

The CSS property to change the background color of an element to YUV 119.3340, 29.9083, -73.0839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 150, 180) }
```

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

```
.background{ background-color: rgb(36, 150,  
180) }
```

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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