

Converting Colors

YUV(119.2800, 28.4560,
-73.9136)

Have a look what the booklet for
YUV(119.2800, 28.4560, -73.9136)
contains.

YUV(119.2800, 28.4560, -73.9136)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(119.2800, 28.4560,
-73.9136)**

Conversions

Conversions Part 1

Format	Color
Hex	2397B1
RGB	35, 151, 177
RGB Percent	14%, 59%, 69%
CMY	0.8627, 0.4078, 0.3059
CMYK	0.80, 0.15, 0.00, 0.31
HSL	191°, 67%, 42%
HSV	191°, 80%, 69%
XYZ	19.6956, 25.6649, 45.5107
YIQ	119.2800, -77.4820, -16.5060

Conversions

Conversions Part 2

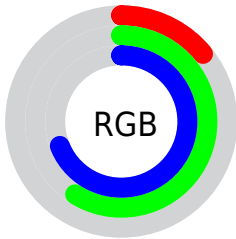
Format	Color
R_{YB}	35, 99, 177
Decimal	2332593
CIE _{Lab}	57.72, -21.87, -22.44
CIE _{LCh}	58, 31.332, 225.734
Yxy	25.6649, 0.2167, 0.2824
Android (android.graphics.Color)	4280522673 (0xFF2397B1)
YUV	119.2800, 28.4560, -73.9136
Hunter-Lab	50.6605, -19.2595, -17.8007

Details

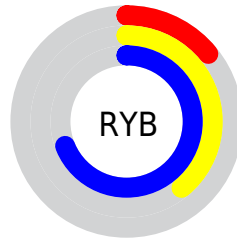
The YUV color **119.2800, 28.4560, -73.9136** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **92.7200, -28.4560, 73.9136**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.2920, 26.9710, -64.2771**, and **72.8360, 25.2239, -63.8772** is the 20% darker color. If you saturate the color by 10%, you get **112.1370, 31.9775, -83.4351**, and if you desaturate by 10%, it is **126.4230, 24.9345, -64.3920**.

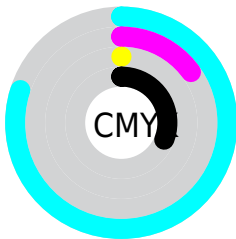
Distribution



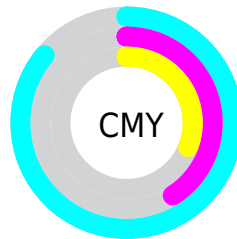
- Red (14%)
- Green (59%)
- Blue (69%)



- Red (14%)
- Yellow (39%)
- Blue (69%)



- Cyan (80%)
- Magenta (15%)
- Yellow (0%)
- Black (31%)



- Cyan (86%)
- Magenta (41%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.2800, 28.4560, -73.9136 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 119.2800, 28.4560, -73.9136 by changing the saturation by 10% instead.

■ 119.2800, 28.4560,
-73.9136

■ 119.2800, 28.4560,
-73.9136

■ 255.0000, 0.0000,
0.0000

■ 90.4750, 29.3458,
-79.3466

■ 178.2920, 26.9710,
-64.2771

■ 72.8360, 25.2239,
-63.8772

■ 206.7930, 23.7661,
-62.9625

■ 55.8980, 21.2493,
-49.0225

■ 228.0900, 13.2666,
-55.3299

■ 39.6610, 17.4221,
-34.7827

■ 236.7610, 8.9918,
-37.5014

■ 24.7120, 13.4530,
-21.6724

■ 245.7310, 4.5696,
-19.0581

■ 4.8220, 13.3988,
-4.2289

■ 0.3420, 1.3104,

-0.2999

■ 0.0000, 0.0000,
0.0000

■ 119.2800, 28.4560,
-73.9136

■ 119.2800, 28.4560,
-73.9136

■ 112.1370, 31.9775,
-83.4351

■ 126.4230, 24.9345,
-64.3920

■ 105.2930, 35.3516,
-92.3420

■ 133.2670, 21.5604,
-55.4852

■ 140.9970, 17.7495,
-46.4784

■ 148.1400, 14.2280,
-36.9568

■ 154.9840, 10.8539,
-28.0500

■ 162.1270, 7.3324,
-18.5284

■ 169.8570, 3.5215,
-9.5216

■ 177.0000, 0.0000,
0.0000

■ 183.8440, -3.3741,
8.9068

Harmonies

Analogous

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



119.5120, 16.5096, -68.8550



119.2800, 28.4560, -73.9136



129.9120, 30.1164, -46.4038

Triad

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



119.2800, 28.4560, -73.9136



142.3110, 5.2697, 36.5613



135.5020, -24.8975, 5.6987

Complementary

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



119.2800, 28.4560, -73.9136



92.7200, -28.4560, 73.9136

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.



137.5200, -25.3994, 26.7310



119.2800, 28.4560, -73.9136



140.9240, -7.8505, 44.7937

Square

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



119.2800, 28.4560, -73.9136



141.9800, 17.2649, 15.8035



139.3290, -18.8962, 40.9305



131.7640, -15.6597, -17.3330

Rectangle

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



119.2800, 28.4560, -73.9136



136.4740, 27.8673, -24.9717



139.3290, -18.8962, 40.9305



136.6170, -25.9402, 13.4909

Sweetspot

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



119.2800, 28.4560, -73.9136



206.7990, 11.4381, -28.7647



121.0900, -30.6104, -75.5009



101.3120, 6.7482, -17.8136



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



119.2800, 28.4560, -73.9136



139.8540, 44.4420, -114.7590



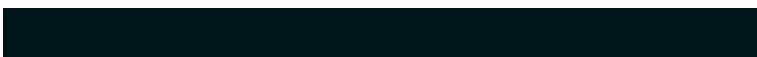
78.7770, 48.4239, -38.3924



85.7220, 1.6161, -5.0182



90.8170, 30.6562, -79.6465



15.2910, 5.2795, -13.4102

Inverse Universe

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



90.6820, 29.7368, 75.7009



95.5990, 46.0467, 117.8697



133.2230, -48.4239, 38.3924



83.6030, 2.1677, 4.7332



59.9970, 32.0465, 81.5636



10.1680, 5.3402, 13.8847

Previews

White Background



This preview shows how the YUV color 119.2800, 28.4560, -73.9136 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 119.2800, 28.4560, -73.9136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

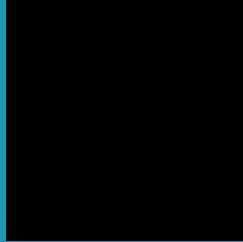
Any Text WCAG AA ✓ Pass

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 119.2800, 28.4560, -73.9136 Background



This preview shows how black text looks on a background with the YUV color 119.2800, 28.4560, -73.9136.



This preview shows how white text looks on a background with the YUV color 119.2800, 28.4560,

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

119.2800, 28.4560, -73.9136

Protanopia

138.0390, 14.2778, -6.1732

Deuteranopia

138.1510, 21.1246, -8.9024



Tritanopia

114.6010, 24.8467, -82.9651

Trichromacy



Original Color

119.2800, 28.4560, -73.9136

Protanomaly

130.9650, 19.7373, -30.6643

Deuteranomaly

131.3930, 23.9633, -32.7937

Tritanomaly

115.9650, 26.1463, -79.7763

Monochromacy



Original Color

119.2800, 28.4560, -73.9136

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

119.1690, 10.2697, -27.3352

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.2800, 28.4560, -73.9136 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, 151, 177)` looks like.

```
.text, #text, p{  
    color:rgb(35, 151, 177)  
}
```

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, 151, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 151, 177) }
```

Border

The CSS property to change the border of an element to YUV 119.2800, 28.4560, -73.9136 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, 151, 177) }
```


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

```
.border{ border-color:rgb(35, 151, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 151, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 151, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 151, 177);  
box-shadow:4px 4px 4px 4px rgb(35, 151,  
177) }
```

Background

The CSS property to change the background color of an element to YUV 119.2800, 28.4560, -73.9136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 151, 177) }
```

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

```
.background{ background-color: rgb(35, 151,  
177) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor