

Converting Colors

YUV(116.8240, 26.7088,
-73.5136)

Have a look what the booklet for
YUV(116.8240, 26.7088, -73.5136)
contains.

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Color

**YUV(116.8240, 26.7088,
-73.5136)**

Conversions

Conversions Part 1

Format	Color
Hex	2195AB
RGB	33, 149, 171
RGB Percent	13%, 58%, 67%
CMY	0.8706, 0.4157, 0.3294
CMYK	0.81, 0.13, 0.00, 0.33
HSL	190°, 68%, 40%
HSV	190°, 81%, 67%
XYZ	18.7253, 24.7585, 42.3200
YIQ	116.8240, -76.1980, -17.7500

Conversions

Conversions Part 2

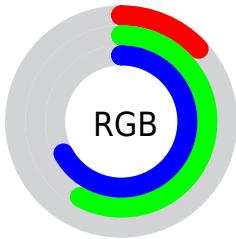
Format	Color
R_{YB}	33, 96, 171
Decimal	2201003
CIE _{Lab}	56.84, -23.02, -20.37
CIE _{LCh}	57, 30.743, 221.502
Yxy	24.7585, 0.2182, 0.2885
Android (android.graphics.Color)	4280391083 (0xFF2195AB)
YUV	116.8240, 26.7088, -73.5136
Hunter-Lab	49.7579, -19.9017, -15.5967




Details

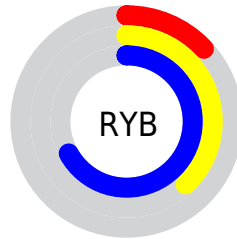
The YUV color **116.8240, 26.7088, -73.5136** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **87.1760, -26.7088, 73.5136**, and the grayscale version is **117.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **175.7220, 24.7871, -63.7772**, and **71.0920, 23.6186, -62.3477** is the 20% darker color. If you saturate the color by 10%, you get **109.9800, 30.0829, -82.4205**, and if you desaturate by 10%, it is **123.6680, 23.3347, -64.6068**.

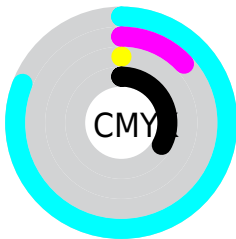
Distribution







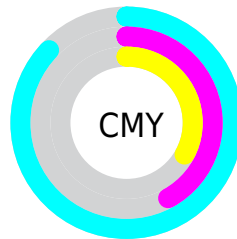
-  Red (13%)
-  Green (58%)
-  Blue (67%)






-  Red (13%)
-  Yellow (38%)
-  Blue (67%)



-  Cyan (81%)
-  Magenta (13%)
-  Yellow (0%)
-  Black (33%)



-  Cyan (87%)
-  Magenta (42%)
-  Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.8240, 26.7088, -73.5136 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 116.8240, 26.7088, -73.5136 by changing the saturation by 10% instead.

■ 116.8240, 26.7088,
-73.5136

■ 116.8240, 26.7088,
-73.5136

■ 255.0000, 0.0000,
0.0000

■ 88.6170, 27.3038,
-77.7171

■ 175.7220, 24.7871,
-63.7772

■ 71.0920, 23.6186,
-62.3477

■ 205.0210, 24.6396,
-63.1624

■ 54.1540, 19.6441,
-47.4931

■ 227.1930, 13.7089,
-57.1743

■ 37.9170, 15.8169,
-33.2532

■ 236.1630, 9.2866,
-38.7310

■ 23.6690, 11.9952,
-20.7577

■ 245.1330, 4.8644,
-20.2876

■ 3.6650, 11.5042,
-3.2142

■ 254.1030, 0.4422,

■ 0.0000, 0.0000,

-1.8443

0.0000

■ 116.8240, 26.7088,
-73.5136

■ 116.8240, 26.7088,
-73.5136

■ 109.9800, 30.0829,
-82.4205

■ 123.6680, 23.3347,
-64.6068

■ 104.0220, 33.0202,
-91.2273

■ 129.9250, 20.2500,
-55.1852

■ 136.7690, 16.8759,
-46.2784

■ 143.6130, 13.5018,
-37.3716

■ 150.7560, 9.9803,
-27.8500

■ 157.0130, 6.8956,
-18.4284

■ 163.8570, 3.5215,
-9.5216

■ 170.7010, 0.1474,
-0.6148

■ 177.5450, -3.2267,
8.2920

Harmonies

Analogous

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



119.0350, 13.2937, -64.0517



116.8240, 26.7088, -73.5136



126.7760, 29.6904, -49.7926

Triad

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



116.8240, 26.7088, -73.5136



140.0440, 6.8803, 33.2874



133.5240, -24.9083, 9.1875

Complementary

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



116.8240, 26.7088, -73.5136



87.1760, -26.7088, 73.5136

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.



136.0580, -24.6786, 28.8901



116.8240, 26.7088, -73.5136



139.0810, -5.9559, 43.7790

Square

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



116.8240, 26.7088, -73.5136



139.8870, 18.2967, 11.5001



137.3830, -17.4438, 41.7601



130.0310, -17.2703, -14.0592

Rectangle

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



116.8240, 26.7088, -73.5136



133.1530, 28.0256, -29.0752



137.3830, -17.4438, 41.7601



134.3400, -25.8036, 16.3648

Sweetspot

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



116.8240, 26.7088, -73.5136



200.8700, 10.4171, -27.9500



116.4000, -30.7632, -73.1418



99.4970, 6.1640, -17.0989



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



116.8240, 26.7088, -73.5136



137.7570, 41.5318, -114.6739



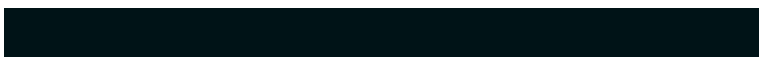
76.9080, 46.3874, -38.5073



83.1350, 1.9054, -4.5034



91.0620, 29.0564, -79.8614



13.7750, 4.5479, -12.0807

Inverse Universe

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



87.4860, 30.3264, 73.2418



91.9190, 47.3679, 114.0810



127.0920, -46.3874, 38.5073



81.4890, 1.7309, 4.8331



59.2140, 32.9255, 79.6193



9.0430, 4.9088, 12.2403

Previews

White Background



This preview shows how the YUV color 116.8240, 26.7088, -73.5136 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 116.8240, 26.7088, -73.5136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

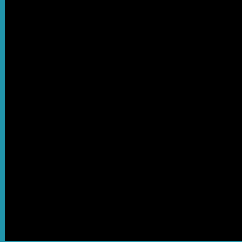
Any Text WCAG AA ✓ Pass

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 116.8240, 26.7088, -73.5136 Background



This preview shows how black text looks on a background with the YUV color 116.8240, 26.7088, -73.5136.

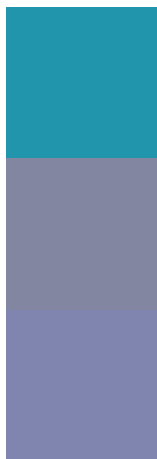


This preview shows how white text looks on a background with the YUV color 116.8240, 26.7088, -73.5136.

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

116.8240, 26.7088, -73.5136

Protanopia

135.8820, 12.3832, -5.1585

Deuteranopia

136.2930, 19.0826, -7.2730



Tritanopia

113.5090, 24.3991, -79.3764

Trichromacy



Original Color

116.8240, 26.7088, -73.5136

Protanomaly

128.8080, 17.8427, -29.6496

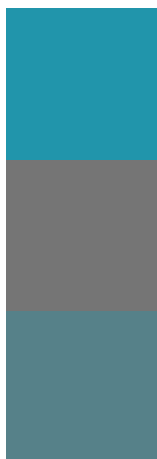
Deuteranomaly

129.2360, 22.0687, -31.7790

Tritanomaly

115.0470, 25.1198, -77.2172

Monochromacy



Original Color

116.8240, 26.7088, -73.5136

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

117.0550, 9.8329, -27.2352

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.8240, 26.7088, -73.5136 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(33, 149, 171)` looks like.

```
.text, #text, p{  
    color:rgb(33, 149, 171)  
}
```

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(33, 149, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 149, 171) }
```

Border

The CSS property to change the border of an element to YUV 116.8240, 26.7088, -73.5136 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(33, 149, 171) }
```


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

```
.border{ border-color:rgb(33, 149, 171) }
```

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

Here you see how a box with a 4 pixel rgb(33, 149, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 149, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 149, 171);  
box-shadow:4px 4px 4px 4px rgb(33, 149,  
171) }
```

Background

The CSS property to change the background color of an element to YUV 116.8240, 26.7088, -73.5136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 149, 171) }
```

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

```
.background{ background-color: rgb(33, 149,  
171) }
```

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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