

Converting Colors

YUV(119.7890, 33.1350,
-81.3760)

Have a look what the booklet for
YUV(119.7890, 33.1350, -81.3760)
contains.

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Color

**YUV(119.7890, 33.1350,
-81.3760)**

Conversions

Conversions Part 1

Format	Color
Hex	1B9ABB
RGB	27, 154, 187
RGB Percent	11%, 60%, 73%
CMY	0.8941, 0.3961, 0.2667
CMYK	0.86, 0.18, 0.00, 0.27
HSL	192°, 75%, 42%
HSV	192°, 86%, 73%
XYZ	20.9772, 26.9321, 51.1065
YIQ	119.7890, -86.2850, -16.6610

Conversions

Conversions Part 2

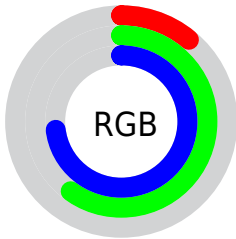
Format	Color
R_{YB}	27, 98, 187
Decimal	1809083
CIE _{Lab}	58.91, -20.73, -26.27
CIE _{LCh}	59, 33.467, 231.723
Yxy	26.9321, 0.2119, 0.2720
Android (android.graphics.Color)	4279999163 (0xFF1B9ABB)
YUV	119.7890, 33.1350, -81.3760
Hunter-Lab	51.8961, -18.6657, -22.0606

Details

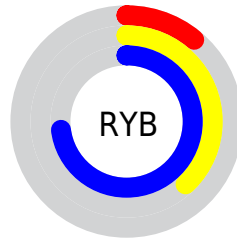
The YUV color **119.7890, 33.1350, -81.3760** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **94.2110, -33.1350, 81.3760**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.1820, 30.4763, -68.5656**, and **75.7370, 28.7237, -66.4213** is the 20% darker color. If you saturate the color by 10%, you get **111.7600, 37.0933, -90.9975**, and if you desaturate by 10%, it is **127.8180, 29.1767, -71.7544**.

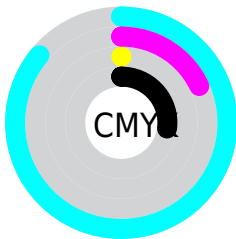
Distribution



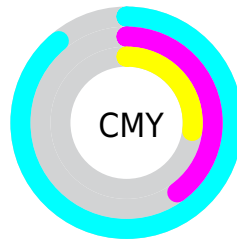
- Red (11%)
- Green (60%)
- Blue (73%)



- Red (11%)
- Yellow (38%)
- Blue (73%)



- Cyan (86%)
- Magenta (18%)
- Yellow (0%)
- Black (27%)



- Cyan (89%)
- Magenta (40%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.7890, 33.1350, -81.3760 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 119.7890, 33.1350, -81.3760 by changing the saturation by 10% instead.

■ 119.7890, 33.1350,
-81.3760

■ 119.7890, 33.1350,
-81.3760

■ 255.0000, 0.0000,
0.0000

■ 93.3760, 32.8456,
-81.8908

■ 181.1820, 30.4763,
-68.5656

■ 75.7370, 28.7237,
-66.4213

■ 208.2550, 23.0453,
-65.1216

■ 58.0980, 24.6017,
-50.9519

■ 227.7910, 13.4140,
-55.9447

■ 41.8610, 20.7745,
-36.7121

■ 236.7610, 8.9918,
-37.5014

■ 26.9120, 16.8054,
-23.6018

■ 246.0300, 4.4222,
-18.4433

■ 6.2070, 16.1669,
-5.4435

■ 2.4110, 6.6994,

-2.1144

■ 0.0000, 0.0000,
0.0000

■ 119.7890, 33.1350,
-81.3760

■ 119.7890, 33.1350,
-81.3760

■ 111.7600, 37.0933,
-90.9975

■ 127.8180, 29.1767,
-71.7544

■ 108.1940, 38.8514,
-94.8861

■ 135.5480, 25.3658,
-62.7476

■ 143.5770, 21.4075,
-53.1260

■ 151.0190, 17.7386,
-42.9897

■ 158.7490, 13.9277,
-33.9829

■ 166.7780, 9.9694,
-24.3613

■ 174.8070, 6.0111,
-14.7397

■ 182.8360, 2.0529,
-5.1182

■ 190.5660, -1.7580,
3.8886

Harmonies

Analogous

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



115.7100, 22.8210, -86.5687



119.7890, 33.1350, -81.3760



134.0910, 32.0001, -43.9298

Triad

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



119.7890, 33.1350, -81.3760



145.3610, 2.7800, 41.7794



137.6540, -25.4654, 1.1804

Complementary

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



119.7890, 33.1350, -81.3760



94.2110, -33.1350, 81.3760

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.



140.1130, -28.1567, 24.4569



119.7890, 33.1350, -81.3760



143.7350, -11.2084, 48.4674

Square

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



119.7890, 33.1350, -81.3760



145.9700, 15.7908, 21.9513



142.1180, -22.2432, 41.1155



133.0620, -14.3276, -24.6104

Rectangle

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



119.7890, 33.1350, -81.3760



140.7350, 28.7246, -19.9386



142.1180, -22.2432, 41.1155



138.8400, -27.5291, 9.7873

Sweetspot

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



119.7890, 33.1350, -81.3760



215.5320, 13.0487, -32.0386



124.5680, -32.3250, -85.5671



106.5290, 7.6272, -19.7579



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



119.7890, 33.1350, -81.3760



140.2920, 50.1420, -123.0361



73.4160, 55.9969, -40.7068



90.1350, 1.9054, -4.5034



91.3870, 32.8402, -80.1464



17.6220, 6.5954, -15.4545

Inverse Universe

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



89.3180, 31.8882, 85.6671



94.2460, 48.1927, 129.5803



140.5840, -55.9969, 40.7068



88.4890, 1.7309, 4.8331



61.4920, 31.3094, 84.6375



12.0050, 5.9135, 16.6586

Previews

White Background



This preview shows how the YUV color 119.7890, 33.1350, -81.3760 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 119.7890, 33.1350, -81.3760 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 119.7890, 33.1350, -81.3760 Background



This preview shows how black text looks on a background with the YUV color 119.7890, 33.1350, -81.3760.

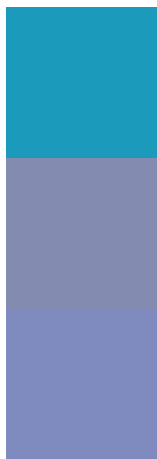


This preview shows how white text looks on a background with the YUV color 119.7890, 33.1350,

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

119.7890, 33.1350, -81.3760

Protanopia

141.1250, 17.1934, -8.0026

Deuteranopia

141.2260, 24.0456, -12.4762



Tritanopia

111.4250, 28.3845, -97.7197

Trichromacy



Original Color

119.7890, 33.1350, -81.3760

Protanomaly

133.1540, 23.0951, -34.3381

Deuteranomaly

133.2830, 27.4685, -37.0822

Tritanomaly

114.6260, 30.2574, -91.7570

Monochromacy



Original Color

119.7890, 33.1350, -81.3760

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

119.6140, 12.0223, -29.4795

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.7890, 33.1350, -81.3760 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(27, 154, 187)` looks like.

```
.text, #text, p{  
    color:rgb(27, 154, 187)  
}
```

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(27, 154, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 154, 187) }
```

Border

The CSS property to change the border of an element to YUV 119.7890, 33.1350, -81.3760 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(27, 154, 187) }
```


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

```
.border{ border-color:rgb(27, 154, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(27, 154, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 154, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 154, 187);  
box-shadow:4px 4px 4px 4px rgb(27, 154,  
187) }
```

Background

The CSS property to change the background color of an element to YUV 119.7890, 33.1350, -81.3760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 154, 187) }
```

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

```
.background{ background-color: rgb(27, 154,  
187) }
```

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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