

Converting Colors

YUV(96.5880, 17.9511,
-64.5367)

Have a look what the booklet for
YUV(96.5880, 17.9511, -64.5367)
contains.

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Color

**YUV(96.5880, 17.9511,
-64.5367)**

Conversions

Conversions Part 1

Format	Color
Hex	177F85
RGB	23, 127, 133
RGB Percent	9%, 50%, 52%
CMY	0.9098, 0.5020, 0.4784
CMYK	0.83, 0.05, 0.00, 0.48
HSL	183°, 71%, 31%
HSV	183°, 83%, 52%
XYZ	12.1764, 17.0544, 24.8404
YIQ	96.5880, -63.9100, -20.1820

Conversions

Conversions Part 2

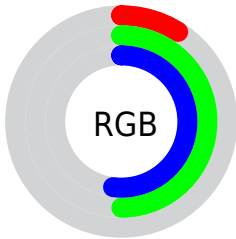
Format	Color
RYB	23, 76, 133
Decimal	1539973
CIELab	48.33, -25.22, -11.30
CIELCh	48, 27.636, 204.125
Yxy	17.0544, 0.2252, 0.3154
Android (android.graphics.Color)	4279730053 (0xFF177F85)
YUV	96.5880, 17.9511, -64.5367
Hunter-Lab	41.2969, -19.6391, -6.7555

Details

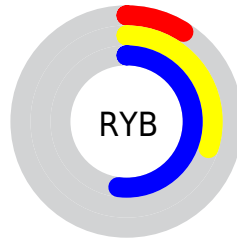
The YUV color **96.5880, 17.9511, -64.5367** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **59.4120, -17.9511, 64.5367**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.7740, 15.8874, -55.9298**, and **54.7750, 14.4079, -48.0377** is the 20% darker color. If you saturate the color by 10%, you get **92.1140, 20.1568, -72.0140**, and if you desaturate by 10%, it is **101.0620, 15.7454, -57.0594**.

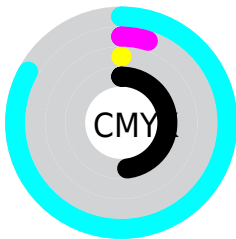
Distribution



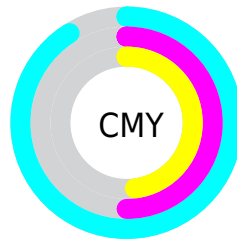
- Red (9%)
- Green (50%)
- Blue (52%)



- Red (9%)
- Yellow (30%)
- Blue (52%)



- Cyan (83%)
- Magenta (5%)
- Yellow (0%)
- Black (48%)



- Cyan (91%)
- Magenta (50%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.5880, 17.9511, -64.5367 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 96.5880, 17.9511, -64.5367 by changing the saturation by 10% instead.

■ 96.5880, 17.9511,
-64.5367

■ 96.5880, 17.9511,
-64.5367

■ 255.0000, 0.0000,
0.0000

■ 72.1860, 17.6563,
-63.3071

■ 153.7740, 15.8874,
-55.9298

■ 54.7750, 14.4079,
-48.0377

■ 182.0730, 15.7400,
-55.3150

■ 38.5380, 10.5808,
-33.7978

■ 210.0730, 15.7400,
-55.3150

■ 24.4040, 7.1958,
-21.4023

■ 231.3790, 11.6452,
-48.5674

■ 2.6390, 7.5730,
-2.3144

■ 240.0500, 7.3704,
-30.7388

■ 0.0000, 0.0000,
0.0000

■ 248.7210, 3.0955,

-12.9103

■ 96.5880, 17.9511,
-64.5367

■ 96.5880, 17.9511,
-64.5367

■ 92.1140, 20.1568,
-72.0140

■ 101.0620, 15.7454,
-57.0594

■ 89.1240, 21.6309,
-78.1617

■ 105.2480, 13.6817,
-48.4525

■ 109.7220, 11.4761,
-40.9752

■ 114.1960, 9.2704,
-33.4979

■ 118.9690, 6.9173,
-25.4058

■ 122.8560, 5.0010,
-17.4137

■ 127.3300, 2.7953,
-9.9364

■ 131.8040, 0.5896,
-2.4591

■ 136.5770, -1.7635,
5.6330

Harmonies

Analogous

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



102.8220, 3.0458, -43.6939



96.5880, 17.9511, -64.5367



100.2820, 25.4970, -58.1293

Triad

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



96.5880, 17.9511, -64.5367



117.9220, 11.8705, 19.3624



113.5620, -22.4621, 17.9241

Complementary

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



96.5880, 17.9511, -64.5367



59.4120, -17.9511, 64.5367

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.



115.3880, -18.4323, 32.1087



96.5880, 17.9511, -64.5367



117.5620, 1.2019, 34.5871

Square

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



96.5880, 17.9511, -64.5367



115.6570, 20.3821, -4.0842



116.4240, -9.5760, 38.2162



111.1360, -19.7870, -0.1193

Rectangle

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



96.5880, 17.9511, -64.5367



107.0930, 25.5902, -41.3006



116.4240, -9.5760, 38.2162



114.1220, -21.7521, 23.5720

Sweetspot

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



96.5880, 17.9511, -64.5367



158.9690, 6.9173, -25.4058



88.2540, -29.2122, -57.2278



78.0520, 4.4114, -14.9546



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



96.5880, 17.9511, -64.5367



116.5880, 27.8111, -100.4937



64.8900, 33.5782, -36.7375



64.2060, 0.8844, -3.6887



87.0210, 21.1886, -76.3174



1.5160, 0.7316, -1.3295

Inverse Universe

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



67.7460, 29.2122, 57.2278



71.5970, 45.5547, 88.9304



91.6970, -33.8676, 36.2227



62.4780, 1.7363, 3.0888



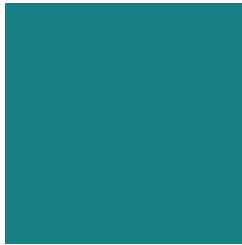
52.8920, 34.5632, 67.6237



1.1250, 0.4314, 1.6444

Previews

White Background



This preview shows how the YUV color 96.5880, 17.9511, -64.5367 looks on a white 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

Black Background



This preview shows how the YUV color 96.5880, 17.9511, -64.5367 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

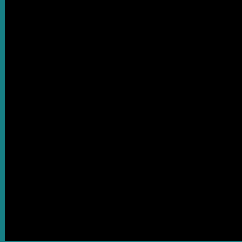
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 96.5880, 17.9511, -64.5367

Background



This preview shows how black text looks on a background with the YUV color 96.5880, 17.9511, -64.5367.



This preview shows how white text looks on a background with the YUV color 96.5880, 17.9511,

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

96.5880, 17.9511, -64.5367

Protanopia

114.2540, 4.8048, -1.0998

Deuteranopia

115.3340, 10.1883, -1.1699



Tritanopia

97.6530, 19.3981, -61.9627

Trichromacy



Original Color

96.5880, 17.9511, -64.5367

Protanomaly

107.6640, 9.5326, -24.2613

Deuteranomaly

108.2880, 13.1690, -23.9316

Tritanomaly

97.2400, 19.1087, -62.4775

Monochromacy



Original Color

96.5880, 17.9511, -64.5367

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

96.8660, 6.4751, -23.5615

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.5880, 17.9511, -64.5367 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(23, 127, 133)` looks like.

```
.text, #text, p{  
    color:rgb(23, 127, 133)  
}
```

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(23, 127, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 127, 133) }
```

Border

The CSS property to change the border of an element to YUV 96.5880, 17.9511, -64.5367 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(23, 127, 133) }
```


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

```
.border{ border-color:rgb(23, 127, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 127, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 127, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 127, 133);  
box-shadow:4px 4px 4px 4px rgb(23, 127,  
133) }
```

Background

The CSS property to change the background color of an element to YUV 96.5880, 17.9511, -64.5367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 127, 133) }
```

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

```
.background{ background-color: rgb(23, 127,  
133) }
```

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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