

Converting Colors

YUV(99.0880, 19.6766,
-57.9592)

Have a look what the booklet for
YUV(99.0880, 19.6766, -57.9592)
contains.

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Color

**YUV(99.0880, 19.6766,
-57.9592)**

Conversions

Conversions Part 1

Format	Color
Hex	217D8B
RGB	33, 125, 139
RGB Percent	13%, 49%, 55%
CMY	0.8706, 0.5098, 0.4549
CMYK	0.76, 0.10, 0.00, 0.45
HSL	188°, 62%, 34%
HSV	188°, 76%, 55%
XYZ	12.6210, 16.8546, 27.0142
YIQ	99.0880, -59.3260, -15.1500

Conversions

Conversions Part 2

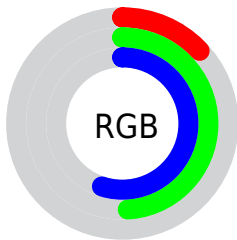
Format	Color
R_{YB}	33, 82, 139
Decimal	2194827
CIE _{Lab}	48.08, -21.10, -15.20
CIE _{LCh}	48, 26.006, 215.756
Yxy	16.8546, 0.2234, 0.2984
Android (android.graphics.Color)	4280384907 (0xFF217D8B)
YUV	99.0880, 19.6766, -57.9592
Hunter-Lab	41.0544, -16.9704, -10.2753

Details

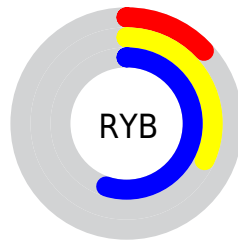
The YUV color **99.0880, 19.6766, -57.9592** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **72.9120, -19.6766, 57.9592**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.7790, 18.3500, -52.4262**, and **54.7580, 16.8813, -48.0228** is the 20% darker color. If you saturate the color by 10%, you get **93.7280, 22.3191, -65.5365**, and if you desaturate by 10%, it is **104.4480, 17.0341, -50.3819**.

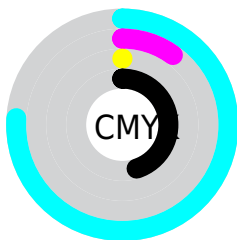
Distribution



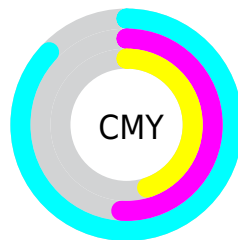
- Red (13%)
- Green (49%)
- Blue (55%)



- Red (13%)
- Yellow (32%)
- Blue (55%)



- Cyan (76%)
- Magenta (10%)
- Yellow (0%)
- Black (45%)



- Cyan (87%)
- Magenta (51%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 99.0880, 19.6766, -57.9592 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 99.0880, 19.6766, -57.9592 by changing the saturation by 10% instead.

■ 99.0880, 19.6766,
-57.9592

■ 99.0880, 19.6766,
-57.9592

■ 255.0000, 0.0000,
0.0000

■ 71.6960, 20.8559,
-62.8774

■ 154.7790, 18.3500,
-52.4262

■ 54.7580, 16.8813,
-48.0228

■ 182.4910, 18.4919,
-51.2966

■ 38.6350, 13.4909,
-33.8829

■ 211.1920, 18.6393,
-51.9114

■ 23.6860, 9.5218,
-20.7726

■ 232.8740, 10.9081,
-45.4935

■ 3.2090, 9.7570,
-2.8143

■ 241.5450, 6.6333,
-27.6650

■ 0.0000, 0.0000,
0.0000

■ 250.2160, 2.3585,

-9.8364

■ 99.0880, 19.6766,
-57.9592

■ 99.0880, 19.6766,
-57.9592

■ 93.7280, 22.3191,
-65.5365

■ 104.4480, 17.0341,
-50.3819

■ 88.3680, 24.9616,
-73.1137

■ 109.8080, 14.3917,
-42.8046

■ 86.8730, 25.6986,
-76.1876

■ 115.1680, 11.7492,
-35.2273

■ 119.9410, 9.3961,
-27.1353

■ 125.0020, 6.9010,
-20.1728

■ 130.3620, 4.2585,
-12.5955

■ 135.7220, 1.6161,
-5.0182

■ 141.0820, -1.0264,
2.5591

■ 146.4420, -3.6689,
10.1364

Harmonies

Analogous

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



101.7660, 8.0034, -47.1528



99.0880, 19.6766, -57.9592



105.0280, 24.1432, -43.8746

Triad

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



99.0880, 19.6766, -57.9592



117.2170, 7.7810, 24.3657



112.2730, -20.8406, 11.1616

Complementary

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



99.0880, 19.6766, -57.9592



72.9120, -19.6766, 57.9592

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.



114.4150, -19.4316, 25.9460



99.0880, 19.6766, -57.9592



116.5360, -2.7292, 35.4869

Square

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



99.0880, 19.6766, -57.9592



116.3870, 16.5712, 4.9226



115.3050, -12.4754, 34.8125



109.5310, -15.5448, -7.4817

Rectangle

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



99.0880, 19.6766, -57.9592



109.8990, 23.2208, -27.9754



115.3050, -12.4754, 34.8125



113.1920, -21.2937, 16.4946

Sweetspot

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



99.0880, 19.6766, -57.9592



165.5070, 7.6380, -23.2466



96.5900, -25.4339, -55.7684



81.8780, 4.9901, -13.9250



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



99.0880, 19.6766, -57.9592



118.1530, 30.9836, -91.3422



69.1510, 34.4356, -31.7044



66.3200, 1.3212, -3.7886



82.6670, 24.8142, -72.4990



2.9180, 1.0264, -2.5591

Inverse Universe

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



75.1820, 24.5603, 55.9684



80.4630, 38.7187, 88.1709



102.8490, -34.4356, 31.7044



64.7770, 1.5889, 3.7036



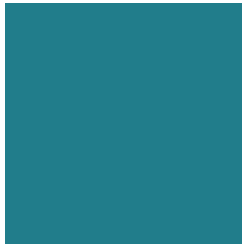
52.8770, 30.6266, 70.2679



1.9510, 1.0102, 2.6740

Previews

White Background



This preview shows how the YUV color 99.0880, 19.6766, -57.9592 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 99.0880, 19.6766, -57.9592 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

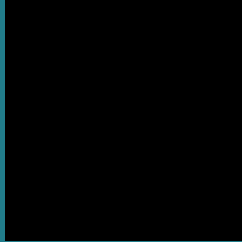
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 99.0880, 19.6766, -57.9592

Background



This preview shows how black text looks on a background with the YUV color 99.0880, 19.6766, -57.9592.

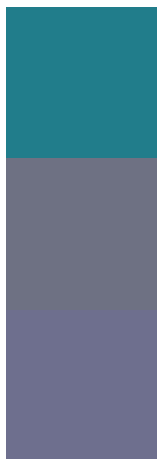


This preview shows how white text looks on a background with the YUV color 99.0880, 19.6766,

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

99.0880, 19.6766, -57.9592

Protanopia

114.1550, 8.3046, -3.6439

Deuteranopia

114.2350, 13.6881, -3.7141



Tritanopia

98.4360, 18.5191, -60.0184

Trichromacy



Original Color

99.0880, 19.6766, -57.9592

Protanomaly

108.4730, 12.5848, -23.2168

Deuteranomaly

108.6840, 15.9318, -23.4019

Tritanomaly

98.8490, 18.8084, -59.5036

Monochromacy



Original Color

99.0880, 19.6766, -57.9592

Achromatopsia

99.0000, 0.0000, 0.0000

Achromatomaly

98.8170, 7.4852, -20.8875

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.0880, 19.6766, -57.9592 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, 125, 139)` looks like.

```
.text, #text, p{  
    color:rgb(33, 125, 139)  
}
```

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, 125, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 125, 139) }
```

Border

The CSS property to change the border of an element to YUV 99.0880, 19.6766, -57.9592 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, 125, 139) }
```


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

```
.border{ border-color:rgb(33, 125, 139) }
```

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

Here you see how a box with a 4 pixel rgb(33, 125, 139) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 125, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 125, 139);  
box-shadow:4px 4px 4px 4px rgb(33, 125,  
139) }
```

Background

The CSS property to change the background color of an element to YUV 99.0880, 19.6766, -57.9592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 125, 139) }
```

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

```
.background{ background-color: rgb(33, 125,  
139) }
```

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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