

Converting Colors

YUV(97.8380, 18.8139,
-61.2479)

Have a look what the booklet for
YUV(97.8380, 18.8139, -61.2479)
contains.

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Color

**YUV(97.8380, 18.8139,
-61.2479)**

Conversions

Conversions Part 1

Format	Color
Hex	1C7E88
RGB	28, 126, 136
RGB Percent	11%, 49%, 53%
CMY	0.8902, 0.5059, 0.4667
CMYK	0.79, 0.07, 0.00, 0.47
HSL	186°, 66%, 32%
HSV	186°, 79%, 53%
XYZ	12.3837, 16.9462, 25.9108
YIQ	97.8380, -61.6180, -17.6660

Conversions

Conversions Part 2

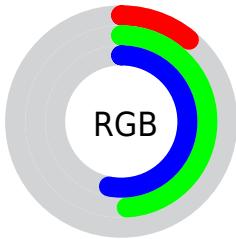
Format	Color
R_{YB}	28, 79, 136
Decimal	1867400
CIE _{Lab}	48.19, -23.21, -13.26
CIE _{LCh}	48, 26.733, 209.740
Yxy	16.9462, 0.2242, 0.3068
Android (android.graphics.Color)	4280057480 (0xFF1C7E88)
YUV	97.8380, 18.8139, -61.2479
Hunter-Lab	41.1657, -18.3427, -8.5027

Details

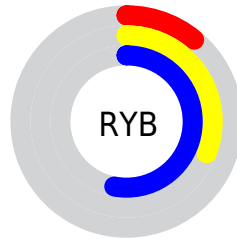
The YUV color **97.8380, 18.8139, -61.2479** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **66.1620, -18.8139, 61.2479**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.4260, 17.0450, -53.8706**, and **55.0030, 15.2815, -48.2376** is the 20% darker color. If you saturate the color by 10%, you get **93.0650, 21.1670, -69.3400**, and if you desaturate by 10%, it is **102.6110, 16.4608, -53.1558**.

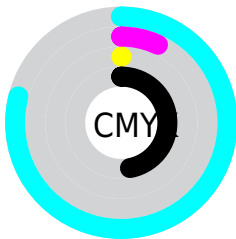
Distribution



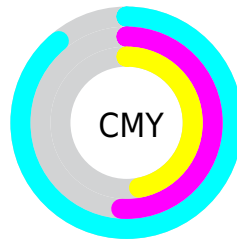
- Red (11%)
- Green (49%)
- Blue (53%)



- Red (11%)
- Yellow (31%)
- Blue (53%)



- Cyan (79%)
- Magenta (7%)
- Yellow (0%)
- Black (47%)



- Cyan (89%)
- Magenta (51%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.8380, 18.8139, -61.2479 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 97.8380, 18.8139, -61.2479 by changing the saturation by 10% instead.

97.8380, 18.8139,
-61.2479

97.8380, 18.8139,
-61.2479

255.0000, 0.0000,
0.0000

71.9410, 19.2561,
-63.0923

154.4260, 17.0450,
-53.8706

55.0030, 15.2815,
-48.2376

182.4260, 17.0450,
-53.8706

38.2930, 12.1806,
-33.5830

210.5400, 17.4818,
-53.9706

24.0450, 8.3588,
-21.0875

231.9770, 11.3503,
-47.3378

2.9810, 8.8834,
-2.6143

240.6480, 7.0755,
-29.5093

0.0000, 0.0000,
0.0000

249.6180, 2.6533,

-11.0660

■ 97.8380, 18.8139,
-61.2479

■ 97.8380, 18.8139,
-61.2479

■ 93.0650, 21.1670,
-69.3400

■ 102.6110, 16.4608,
-53.1558

■ 88.0040, 23.6620,
-76.3025

■ 107.6720, 13.9657,
-46.1933

■ 87.7050, 23.8094,
-76.9173

■ 112.4450, 11.6126,
-38.1013

■ 116.9190, 9.4069,
-30.6240

■ 121.6920, 7.0538,
-22.5319

■ 127.0520, 4.4114,
-14.9546

■ 131.5260, 2.2057,
-7.4773

■ 136.2990, -0.1474,
0.6148

■ 140.7730, -2.3531,
8.0921

Harmonies

Analogous

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



102.6800, 5.0878, -45.3234



97.8380, 18.8139, -61.2479



103.0980, 24.6017, -50.9519

Triad

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



97.8380, 18.8139, -61.2479



117.6620, 9.5336, 22.2214



113.0670, -21.7250, 14.8502

Complementary

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



97.8380, 18.8139, -61.2479



66.1620, -18.8139, 61.2479

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.



114.5510, -19.0056, 29.3348



97.8380, 18.8139, -61.2479



116.9920, -0.9821, 35.0870

Square

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



97.8380, 18.8139, -61.2479



116.5220, 18.4767, 0.4192



115.9570, -11.3178, 36.8717



110.6840, -17.5922, -4.1079

Rectangle

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



97.8380, 18.8139, -61.2479



108.7950, 24.2581, -34.0232



115.9570, -11.3178, 36.8717



113.2140, -21.3045, 19.9833

Sweetspot

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



97.8380, 18.8139, -61.2479



161.0940, 7.3487, -23.7614



92.4220, -27.3230, -56.4981



80.0520, 4.4114, -14.9546



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



97.8380, 18.8139, -61.2479



116.6750, 29.2472, -94.4310



66.7270, 34.1516, -33.9636



66.3200, 1.3212, -3.7886



85.6020, 23.3672, -75.0730



3.5050, 0.7370, -3.0739

Inverse Universe

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



71.4640, 26.8862, 56.5981



76.1470, 41.3395, 87.5711



97.2730, -34.1516, 33.9636



64.7770, 1.5889, 3.7036



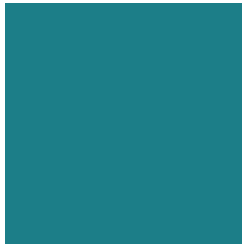
53.4470, 32.8106, 69.7680



2.0650, 1.4470, 2.5740

Previews

White Background



This preview shows how the YUV color 97.8380, 18.8139, -61.2479 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 97.8380, 18.8139, -61.2479 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

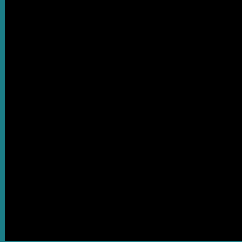
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 97.8380, 18.8139, -61.2479

Background



This preview shows how black text looks on a background with the YUV color 97.8380, 18.8139, -61.2479.

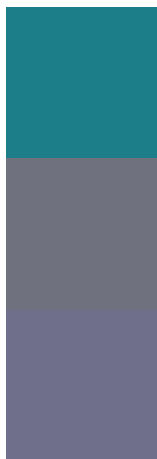


This preview shows how white text looks on a background with the YUV color 97.8380, 18.8139,

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

97.8380, 18.8139, -61.2479

Protanopia

114.2970, 6.2626, -2.0145

Deuteranopia

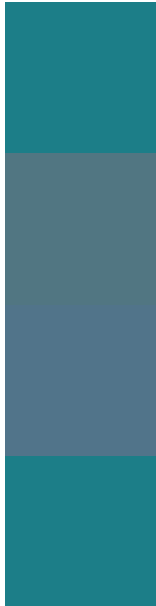
114.4910, 12.0829, -2.1846



Tritanopia

97.8380, 18.8139, -61.2479

Trichromacy



Original Color

97.8380, 18.8139, -61.2479

Protanomaly

108.3050, 10.6956, -23.9465

Deuteranomaly

108.0430, 14.7688, -23.7167

Tritanomaly

97.8380, 18.8139, -61.2479

Monochromacy



Original Color

97.8380, 18.8139, -61.2479

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

97.9910, 6.9064, -21.9171

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.8380, 18.8139, -61.2479 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(28, 126, 136)` looks like.

```
.text, #text, p{  
    color:rgb(28, 126, 136)  
}
```

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(28, 126, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 126, 136) }
```

Border

The CSS property to change the border of an element to YUV 97.8380, 18.8139, -61.2479 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(28, 126, 136) }
```


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

```
.border{ border-color:rgb(28, 126, 136) }
```

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

Here you see how a box with a 4 pixel rgb(28, 126, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 126, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 126, 136);  
box-shadow:4px 4px 4px 4px rgb(28, 126,  
136) }
```

Background

The CSS property to change the background color of an element to YUV 97.8380, 18.8139, -61.2479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 126, 136) }
```

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

```
.background{ background-color: rgb(28, 126,  
136) }
```

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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