

Converting Colors

YUV(97.9630, 19.2452,
-59.6036)

Have a look what the booklet for
YUV(97.9630, 19.2452, -59.6036)
contains.

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Color

**YUV(97.9630, 19.2452,
-59.6036)**

Conversions

Conversions Part 1

Format	Color
Hex	1E7D89
RGB	30, 125, 137
RGB Percent	12%, 49%, 54%
CMY	0.8824, 0.5098, 0.4627
CMYK	0.78, 0.09, 0.00, 0.46
HSL	187°, 64%, 33%
HSV	187°, 78%, 54%
XYZ	12.3844, 16.7494, 26.2471
YIQ	97.9630, -60.4720, -16.4080

Conversions

Conversions Part 2

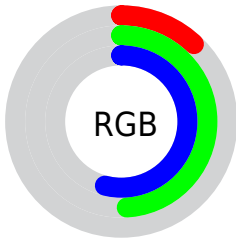
Format	Color
R_{YB}	30, 80, 137
Decimal	1998217
CIE _{Lab}	47.94, -22.13, -14.23
CIE _{LCh}	48, 26.310, 212.731
Y _{xy}	16.7494, 0.2236, 0.3024
Android (android.graphics.Color)	4280188297 (0xFF1E7D89)
YUV	97.9630, 19.2452, -59.6036
Hunter-Lab	40.9260, -17.6057, -9.3763




Details

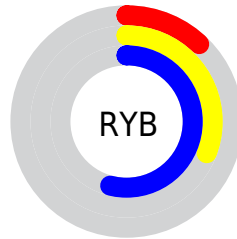
The YUV color **97.9630, 19.2452, -59.6036** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **69.0370, -19.2452, 59.6036**, and the grayscale version is **98.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **154.2520, 17.6238, -52.8410**, and **54.5300, 16.0077, -47.8228** is the 20% darker color. If you saturate the color by 10%, you get **92.6030, 21.8877, -67.1808**, and if you desaturate by 10%, it is **103.3230, 16.6028, -52.0263**.

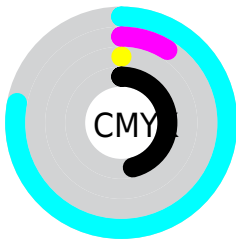
Distribution







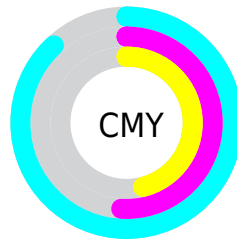
-  Red (12%)
-  Green (49%)
-  Blue (54%)






-  Red (12%)
-  Yellow (31%)
-  Blue (54%)



-  Cyan (78%)
-  Magenta (9%)
-  Yellow (0%)
-  Black (46%)



-  Cyan (88%)
-  Magenta (51%)
-  Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.9630, 19.2452, -59.6036 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 97.9630, 19.2452, -59.6036 by changing the saturation by 10% instead.

97.9630, 19.2452,
-59.6036

97.9630, 19.2452,
-59.6036

255.0000, 0.0000,
0.0000

71.4680, 19.9823,
-62.6774

154.2520, 17.6238,
-52.8410

54.5300, 16.0077,
-47.8228

182.2520, 17.6238,
-52.8410

38.4070, 12.6173,
-33.6829

210.3660, 18.0606,
-52.9410

23.5720, 9.0850,
-20.6726

232.2760, 11.2029,
-46.7231

3.0950, 9.3202,
-2.7143

240.9470, 6.9281,
-28.8945

0.0000, 0.0000,
0.0000

249.6180, 2.6533,

-11.0660

■ 97.9630, 19.2452,
-59.6036

■ 97.9630, 19.2452,
-59.6036

■ 92.6030, 21.8877,
-67.1808

■ 103.3230, 16.6028,
-52.0263

■ 88.1290, 24.0934,
-74.6581

■ 107.7970, 14.3971,
-44.5490

■ 87.2320, 24.5356,
-76.5025

■ 113.1570, 11.7546,
-36.9717

■ 117.9300, 9.4015,
-28.8796

■ 123.2900, 6.7590,
-21.3023

■ 127.7640, 4.5533,
-13.8250

■ 133.1240, 1.9109,
-6.2477

■ 137.8970, -0.4422,
1.8443

■ 142.9580, -2.9373,
8.8068

Harmonies

Analogous

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



101.7230, 6.5456, -46.2381



97.9630, 19.2452, -59.6036



103.4190, 24.4434, -46.8485

Triad

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



97.9630, 19.2452, -59.6036



117.0320, 8.3652, 23.6509



112.1700, -21.2828, 13.0059

Complementary

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



97.9630, 19.2452, -59.6036



69.0370, -19.2452, 59.6036

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.



113.5400, -19.0002, 27.5904



97.9630, 19.2452, -59.6036



116.4650, -1.7082, 34.6722

Square

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



97.9630, 19.2452, -59.6036



115.6040, 17.4502, 2.9783



115.1310, -11.8966, 35.8421



109.9010, -16.7132, -6.0522

Rectangle

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



97.9630, 19.2452, -59.6036



109.2900, 23.5210, -30.9493



115.1310, -11.8966, 35.8421



113.2030, -21.2991, 18.2390

Sweetspot

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



97.9630, 19.2452, -59.6036



163.5070, 7.6380, -23.2466



94.0630, -26.1601, -56.1833



79.7640, 4.5533, -13.8250



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.



97.9630, 19.2452, -59.6036



117.6150, 30.2628, -93.5014



67.4390, 34.2936, -32.8340



66.3200, 1.3212, -3.7886



84.4280, 23.9460, -74.0434



3.5050, 0.7370, -3.0739

Inverse Universe

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



72.8230, 25.7233, 56.2832



78.2180, 40.3185, 88.3858



99.5610, -34.2936, 32.8340



64.7770, 1.5889, 3.7036



53.2190, 31.9370, 69.9679



2.0650, 1.4470, 2.5740

Previews

White Background



This preview shows how the YUV color 97.9630, 19.2452, -59.6036 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 97.9630, 19.2452, -59.6036 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

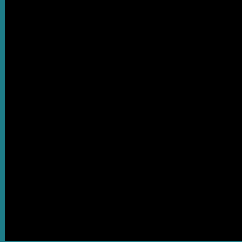
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 97.9630, 19.2452, -59.6036

Background



This preview shows how black text looks on a background with the YUV color 97.9630, 19.2452, -59.6036.

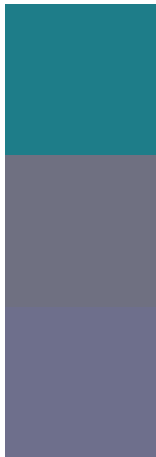


This preview shows how white text looks on a background with the YUV color 97.9630, 19.2452,

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

97.9630, 19.2452, -59.6036

Protanopia

113.6390, 7.5730, -2.3144

Deuteranopia

114.0070, 12.8145, -3.5141



Tritanopia

97.4360, 18.5191, -60.0184

Trichromacy



Original Color

97.9630, 19.2452, -59.6036

Protanomaly

108.2450, 11.7112, -23.0169

Deuteranomaly

108.1570, 15.2056, -23.8167

Tritanomaly

97.5500, 18.9559, -60.1183

Monochromacy



Original Color

97.9630, 19.2452, -59.6036

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 97.9630, 19.2452, -59.6036 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(30, 125, 137)` looks like.

```
.text, #text, p{  
    color:rgb(30, 125, 137)  
}
```

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(30, 125, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 125, 137) }
```

Border

The CSS property to change the border of an element to YUV 97.9630, 19.2452, -59.6036 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(30, 125, 137) }
```


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

```
.border{ border-color:rgb(30, 125, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 125, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 125, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 125, 137);  
box-shadow:4px 4px 4px 4px rgb(30, 125,  
137) }
```

Background

The CSS property to change the background color of an element to YUV 97.9630, 19.2452, -59.6036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 125, 137) }
```

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

```
.background{ background-color: rgb(30, 125,  
137) }
```

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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