

Converting Colors

YUV(97.5700, 8.5930, -49.6119)

Have a look what the booklet for
YUV(97.5700, 8.5930, -49.6119)
contains.

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Color

**YUV(97.5700, 8.5930,
-49.6119)**

Conversions

Conversions Part 1

Format	Color
Hex	297B73
RGB	41, 123, 115
RGB Percent	16%, 48%, 45%
CMY	0.8392, 0.5176, 0.5490
CMYK	0.67, 0.00, 0.07, 0.52
HSL	174°, 50%, 32%
HSV	174°, 67%, 48%
XYZ	11.0919, 15.8751, 18.6993
YIQ	97.5700, -46.3040, -19.8720

Conversions

Conversions Part 2

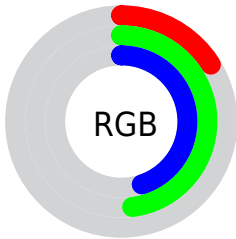
Format	Color
RYB	41, 84, 123
Decimal	2718579
CIELab	46.81, -26.39, -2.88
CIELCh	47, 26.551, 186.218
Yxy	15.8751, 0.2429, 0.3476
Android (android.graphics.Color)	4280908659 (0xFF297B73)
YUV	97.5700, 8.5930, -49.6119
Hunter-Lab	39.8436, -20.0344, 0.0648

Details

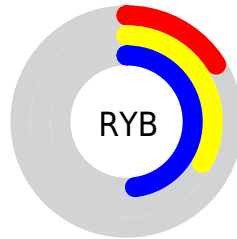
The YUV color **97.5700, 8.5930, -49.6119** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **66.4300, -8.5930, 49.6119**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.6520, 7.5666, -47.0528**, and **51.0760, 7.8505, -44.7937** is the 20% darker color. If you saturate the color by 10%, you get **93.8680, 9.9251, -56.8892**, and if you desaturate by 10%, it is **101.2720, 7.2609, -42.3345**.

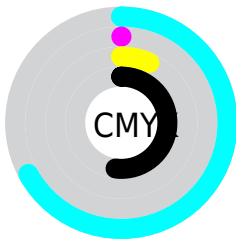
Distribution



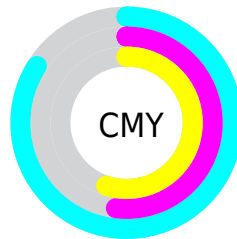
- Red (16%)
- Green (48%)
- Blue (45%)



- Red (16%)
- Yellow (33%)
- Blue (48%)



- Cyan (67%)
- Magenta (0%)
- Yellow (7%)
- Black (52%)



- Cyan (84%)
- Magenta (52%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.5700, 8.5930, -49.6119 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 97.5700, 8.5930, -49.6119 by changing the saturation by 10% instead.

97.5700, 8.5930,
-49.6119

97.5700, 8.5930,
-49.6119

255.0000, 0.0000,
0.0000

67.7860, 10.9515,
-59.4483

151.6520, 7.5666,
-47.0528

51.0760, 7.8505,
-44.7937

179.2390, 7.2772,
-47.5676

34.4800, 5.1864,
-30.2390

207.2390, 7.2772,
-47.5676

20.9330, 1.5120,
-18.3582

232.3040, 8.7241,
-44.9936

0.0000, 0.0000,
0.0000

241.2460, 6.7807,
-28.2797

250.2160, 2.3585,

-9.8364

■ 97.5700, 8.5930,
-49.6119

■ 97.5700, 8.5930,
-49.6119

■ 93.8680, 9.9251,
-56.8892

■ 101.2720, 7.2609,
-42.3345

■ 89.8670, 11.4046,
-64.7814

■ 105.2730, 5.7814,
-34.4424

■ 86.0510, 12.2999,
-71.9587

■ 109.0890, 4.8861,
-27.2651

■ 84.8550, 12.8895,
-74.4178

■ 112.7910, 3.5540,
-19.9877

■ 116.7920, 2.0745,
-12.0956

■ 120.4940, 0.7425,
-4.8182

■ 124.1960, -0.5896,
2.4591

■ 128.0120, -1.4849,
9.6365

■ 132.0130, -2.9644,
17.5286

Harmonies

Analogous

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



102.4450, -5.1494, -28.4543



97.5700, 8.5930, -49.6119



94.1090, 21.1453, -62.3626

Triad

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



97.5700, 8.5930, -49.6119



113.0990, 16.7132, 6.0522



110.7140, -19.5790, 26.5608

Complementary

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



97.5700, 8.5930, -49.6119



66.4300, -8.5930, 49.6119

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.



112.4900, -13.0596, 35.5273



97.5700, 8.5930, -49.6119



113.8150, 7.4862, 25.5952

Square

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



97.5700, 8.5930, -49.6119



109.4270, 22.4675, -19.6685



113.4220, -3.1660, 35.5869



108.8600, -21.1300, 10.6468

Rectangle

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



97.5700, 8.5930, -49.6119



98.2610, 24.0283, -53.7259



113.4220, -3.1660, 35.5869



111.4910, -17.9901, 30.2644

Sweetspot

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



97.5700, 8.5930, -49.6119



151.0900, 3.4066, -19.3729



91.5260, -24.9093, -37.2953



75.7920, 2.0745, -12.0956



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



97.5700, 8.5930, -49.6119



120.9470, 13.3371, -78.0065



79.1110, 21.6373, -33.4233



59.2060, 0.8844, -3.6887



86.2570, 13.1843, -75.6474



173.9160, 26.6634, -152.5243

Inverse Universe

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



66.4300, -8.5930, 49.6119



72.0530, -13.3371, 78.0065



84.8890, -21.6373, 33.4233



56.9080, -0.4476, 3.5887



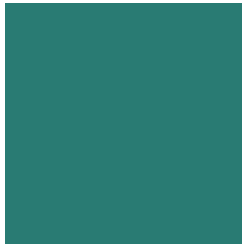
38.7430, -13.1843, 75.6474



78.1980, -26.2266, 152.4244

Previews

White Background



This preview shows how the YUV color 97.5700, 8.5930, -49.6119 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 97.5700, 8.5930, -49.6119 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

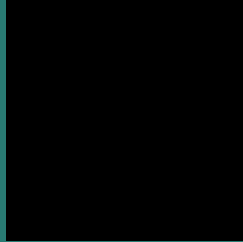
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 97.5700, 8.5930, -49.6119

Background



This preview shows how black text looks on a background with the YUV color 97.5700, 8.5930, -49.6119.



This preview shows how white text looks on a background with the YUV color 97.5700, 8.5930,

-49.6119.

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

97.5700, 8.5930, -49.6119

Protanopia

110.5550, -1.7526, 2.1443

Deuteranopia

111.2440, 3.3307, 5.0480



Tritanopia

100.4980, 14.5445, -45.1637

Trichromacy



Original Color

97.5700, 8.5930, -49.6119

Protanomaly

106.0580, 1.9434, -16.7139

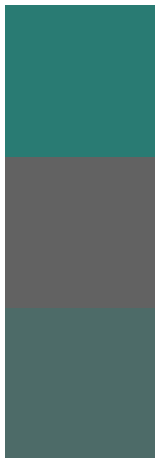
Deuteranomaly

106.2800, 5.2850, -15.1546

Tritanomaly

99.6180, 12.5133, -47.0230

Monochromacy



Original Color

97.5700, 8.5930, -49.6119

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

97.6880, 3.1118, -18.1434

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.5700, 8.5930, -49.6119 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(41, 123, 115)` looks like.

```
.text, #text, p{  
    color:rgb(41, 123, 115)  
}
```

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(41, 123, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 123, 115) }
```

Border

The CSS property to change the border of an element to YUV 97.5700, 8.5930, -49.6119 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(41, 123, 115) }
```


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

```
.border{ border-color:rgb(41, 123, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 123, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 123, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 123, 115);  
box-shadow:4px 4px 4px 4px rgb(41, 123,  
115) }
```

Background

The CSS property to change the background color of an element to YUV 97.5700, 8.5930, -49.6119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 123, 115) }
```

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

```
.background{ background-color: rgb(41, 123,  
115) }
```

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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