

Converting Colors

YUV(97.6780, 11.4977,
-47.9526)

Have a look what the booklet for
YUV(97.6780, 11.4977, -47.9526)
contains.

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Color

**YUV(97.6780, 11.4977,
-47.9526)**

Conversions

Conversions Part 1

Format	Color
Hex	2B7979
RGB	43, 121, 121
RGB Percent	17%, 47%, 47%
CMY	0.8314, 0.5255, 0.5255
CMYK	0.64, 0.00, 0.00, 0.53
HSL	180°, 48%, 32%
HSV	180°, 64%, 47%
XYZ	11.2848, 15.5688, 20.4995
YIQ	97.6780, -46.4880, -16.5360

Conversions

Conversions Part 2

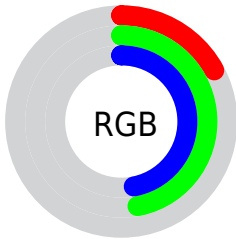
Format	Color
RYB	43, 82, 121
Decimal	2849145
CIELab	46.40, -23.23, -7.04
CIElCh	46, 24.276, 196.847
Yxy	15.5688, 0.2383, 0.3288
Android (android.graphics.Color)	4281039225 (0xFF2B7979)
YUV	97.6780, 11.4977, -47.9526
Hunter-Lab	39.4573, -17.9992, -3.1831

Details

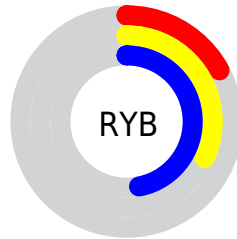
The YUV color **97.6780, 11.4977, -47.9526** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **66.3220, -11.4977, 47.9526**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.4610, 10.6187, -46.0083**, and **50.5860, 11.0501, -44.3639** is the 20% darker color. If you saturate the color by 10%, you get **94.0900, 13.2666, -55.3299**, and if you desaturate by 10%, it is **101.2660, 9.7289, -40.5753**.

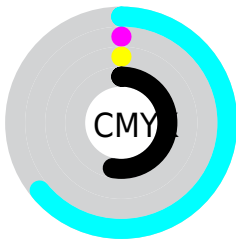
Distribution



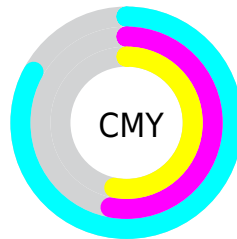
- Red (17%)
- Green (47%)
- Blue (47%)



- Red (17%)
- Yellow (32%)
- Blue (47%)



- Cyan (64%)
- Magenta (0%)
- Yellow (0%)
- Black (53%)



- Cyan (83%)
- Magenta (53%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.6780, 11.4977, -47.9526 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 97.6780, 11.4977, -47.9526 by changing the saturation by 10% instead.

■ 97.6780, 11.4977,
-47.9526

■ 97.6780, 11.4977,
-47.9526

■ 255.0000, 0.0000,
0.0000

■ 67.8940, 13.8563,
-57.7890

■ 151.4610, 10.6187,
-46.0083

■ 50.5860, 11.0501,
-44.3639

■ 178.8740, 10.9081,
-45.4935

■ 34.4630, 7.6597,
-30.2241

■ 206.5750, 11.0555,
-46.1083

■ 20.9160, 3.9854,
-18.3433

■ 233.1730, 10.7607,
-44.8787

■ 0.2280, 0.8736,
-0.2000

■ 241.8440, 6.4859,
-27.0502

■ 0.0000, 0.0000,
0.0000

■ 250.5150, 2.2111,

-9.2217

■ 97.6780, 11.4977,
-47.9526

■ 97.6780, 11.4977,
-47.9526

■ 94.0900, 13.2666,
-55.3299

■ 101.2660, 9.7289,
-40.5753

■ 90.5020, 15.0355,
-62.7073

■ 104.8540, 7.9600,
-33.1980

■ 86.9140, 16.8044,
-70.0846

■ 108.4420, 6.1911,
-25.8206

■ 84.8210, 17.8362,
-74.3880

■ 112.0300, 4.4222,
-18.4433

■ 115.6180, 2.6533,
-11.0660

■ 119.5050, 0.7370,
-3.0739

■ 123.0930, -1.0318,
4.3034

■ 126.6810, -2.8007,
11.6808

■ 130.2690, -4.5696,
19.0581

Harmonies

Analogous

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



101.2750, -0.6286, -31.8132



97.6780, 11.4977, -47.9526



98.2570, 20.0863, -49.3374

Triad

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



97.6780, 11.4977, -47.9526



112.9920, 12.3289, 12.2850



109.7840, -19.1205, 19.4834

Complementary

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



97.6780, 11.4977, -47.9526



66.3220, -11.4977, 47.9526

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.



111.0010, -14.7905, 30.6941



97.6780, 11.4977, -47.9526



112.5010, 3.6970, 27.6246

Square

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



97.6780, 11.4977, -47.9526



110.2820, 19.0880, -9.0173



111.9010, -6.3602, 33.4128



107.3260, -17.9087, 4.0991

Rectangle

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



97.6780, 11.4977, -47.9526



102.1920, 22.0903, -38.7564



111.9010, -6.3602, 33.4128



109.7460, -18.1158, 23.9018

Sweetspot

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



97.6780, 11.4977, -47.9526



149.0300, 4.4222, -18.4433



88.7860, -22.5725, -40.1543



73.6180, 2.6533, -11.0660



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



97.6780, 11.4977, -47.9526



121.5220, 17.9837, -75.0028



74.7850, 22.7840, -27.8754



59.2060, 0.8844, -3.6887



87.6250, 18.4259, -76.8471



176.6520, 37.1466, -154.9238

Inverse Universe

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



75.2140, 22.5725, 40.1543



86.3860, 35.3057, 62.8055



89.2150, -22.7840, 27.8754



57.4780, 1.7363, 3.0888



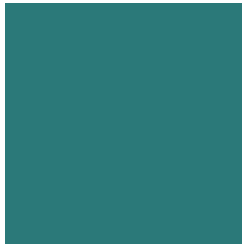
51.6250, 36.1739, 64.3499



104.0760, 72.9265, 129.7293

Previews

White Background



This preview shows how the YUV color 97.6780, 11.4977, -47.9526 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 97.6780, 11.4977, -47.9526 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

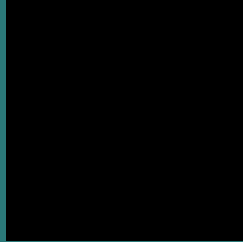
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 97.6780, 11.4977, -47.9526

Background



This preview shows how black text looks on a background with the YUV color 97.6780, 11.4977, -47.9526.



This preview shows how white text looks on a background with the YUV color 97.6780, 11.4977, -47.9526.

-47.9526.

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

97.6780, 11.4977, -47.9526

Protanopia

109.8690, 2.0366, 0.1149

Deuteranopia

110.7320, 6.5411, 1.9890



Tritanopia

99.1990, 14.6919, -45.7785

Trichromacy



Original Color

97.6780, 11.4977, -47.9526

Protanomaly

105.3830, 5.7272, -16.9989

Deuteranomaly

106.0780, 8.3425, -15.8544

Tritanomaly

98.5580, 13.5289, -46.0934

Monochromacy



Original Color

97.6780, 11.4977, -47.9526

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

97.6280, 4.1274, -17.2138

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.6780, 11.4977, -47.9526 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(43, 121, 121)` looks like.

```
.text, #text, p{  
    color:rgb(43, 121, 121)  
}
```

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(43, 121, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 121, 121) }
```

Border

The CSS property to change the border of an element to YUV 97.6780, 11.4977, -47.9526 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(43, 121, 121) }
```


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

```
.border{ border-color:rgb(43, 121, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 121, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 121, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 121, 121);  
box-shadow:4px 4px 4px 4px rgb(43, 121,  
121) }
```

Background

The CSS property to change the background color of an element to YUV 97.6780, 11.4977, -47.9526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 121, 121) }
```

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

```
.background{ background-color: rgb(43, 121,  
121) }
```

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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