

Converting Colors

YUV(127.6610, 13.9711,
-47.9377)

Have a look what the booklet for
YUV(127.6610, 13.9711, -47.9377)
contains.

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Color

**YUV(127.6610, 13.9711,
-47.9377)**

Conversions

Conversions Part 1

Format	Color
Hex	49969C
RGB	73, 150, 156
RGB Percent	29%, 59%, 61%
CMY	0.7137, 0.4118, 0.3882
CMYK	0.53, 0.04, 0.00, 0.39
HSL	184°, 36%, 45%
HSV	184°, 53%, 61%
XYZ	19.6548, 25.6295, 35.3636
YIQ	127.6610, -47.8180, -14.4580

Conversions

Conversions Part 2

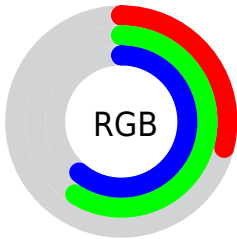
Format	Color
RYB	73, 113, 156
Decimal	4822684
CIELab	57.68, -21.93, -10.44
CIElCh	58, 24.285, 205.450
Yxy	25.6295, 0.2437, 0.3178
Android (android.graphics.Color)	4283012764 (0xFF49969C)
YUV	127.6610, 13.9711, -47.9377
Hunter-Lab	50.6255, -19.2943, -5.9781

Details

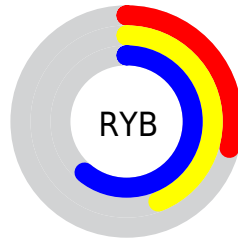
The YUV color **127.6610, 13.9711, -47.9377** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **101.3390, -13.9711, 47.9377**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.9600, 13.8237, -47.3229**, and **70.0830, 17.2141, -61.4628** is the 20% darker color. If you saturate the color by 10%, you get **122.2900, 16.6190, -57.2593**, and if you desaturate by 10%, it is **133.0320, 11.3232, -38.6161**.

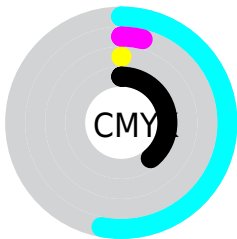
Distribution



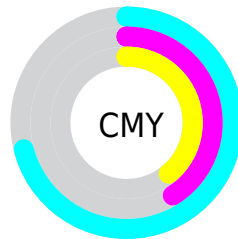
- Red (29%)
- Green (59%)
- Blue (61%)



- Red (29%)
- Yellow (44%)
- Blue (61%)



- Cyan (53%)
- Magenta (4%)
- Yellow (0%)
- Black (39%)



- Cyan (71%)
- Magenta (41%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.6610, 13.9711, -47.9377 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 127.6610, 13.9711, -47.9377 by changing the saturation by 10% instead.

■ 127.6610, 13.9711,
-47.9377

■ 127.6610, 13.9711,
-47.9377

■ 255.0000, 0.0000,
0.0000

■ 100.7640, 14.4133,
-49.7820

■ 181.9600, 13.8237,
-47.3229

■ 70.0830, 17.2141,
-61.4628

■ 210.6610, 13.9711,
-47.9377

■ 53.2590, 13.6763,
-46.7081

■ 234.0700, 10.3185,
-43.0344

■ 37.1360, 10.2860,
-32.5683

■ 242.4420, 6.1911,
-25.8206

■ 22.8880, 6.4642,
-20.0728

■ 251.4120, 1.7689,
-7.3773

■ 2.2970, 6.2626,
-2.0145

■ 0.0000, 0.0000,

0.0000

■ 127.6610, 13.9711,
-47.9377

■ 127.6610, 13.9711,
-47.9377

■ 122.2900, 16.6190,
-57.2593

■ 133.0320, 11.3232,
-38.6161

■ 117.2180, 19.1195,
-65.9662

■ 138.1040, 8.8227,
-29.9092

■ 111.8470, 21.7674,
-75.2878

■ 143.4750, 6.1748,
-20.5876

■ 106.1880, 24.5573,
-83.4799

■ 149.1340, 3.3849,
-12.3955

■ 102.8990, 26.1788,
-90.2424

■ 154.5050, 0.7370,
-3.0739

■ 159.8760, -1.9109,
6.2477

■ 164.9480, -4.4114,
14.9546

■ 170.3190, -7.0593,
24.2762

■ 175.3910, -9.5598,
32.9831

Harmonies

Analogous

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



129.3390, 2.2979, -37.1313



127.6610, 13.9711, -47.9377



130.2300, 21.0856, -43.1747

Triad

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



127.6610, 13.9711, -47.9377



141.8680, 10.4181, 18.5328



137.7190, -20.5675, 16.9094

Complementary

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



127.6610, 13.9711, -47.9377



101.3390, -13.9711, 47.9377

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.



139.3060, -17.4059, 29.5496



127.6610, 13.9711, -47.9377



141.7250, 0.6286, 31.8132

Square

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



127.6610, 13.9711, -47.9377



139.7990, 18.3401, -2.4547



140.7010, -9.7126, 35.3422



135.7060, -17.6031, -0.6192

Rectangle

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



127.6610, 13.9711, -47.9377



133.9370, 22.2161, -32.3937



140.7010, -9.7126, 35.3422



138.5670, -19.9995, 21.4277

Sweetspot

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



127.6610, 13.9711, -47.9377



192.9590, 5.4432, -19.2580



122.4050, -21.3987, -43.3282



95.7320, 3.0901, -11.1660



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



127.6610, 13.9711, -47.9377



159.5480, 21.9148, -75.9026



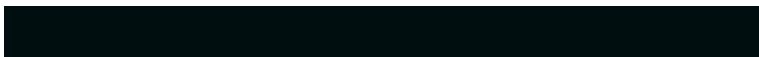
103.5940, 25.8362, -26.8309



76.0210, 1.4686, -4.4034



93.7860, 24.2625, -82.2503



9.9280, 2.5005, -8.7069

Inverse Universe

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



106.5950, 21.3987, 43.3282



126.0770, 33.9790, 68.3385



125.4060, -25.8362, 26.8309



74.1900, 1.8783, 4.2184



57.8050, 36.5781, 74.7160



6.0810, 3.9041, 7.8220

Previews

White Background



This preview shows how the YUV color 127.6610, 13.9711, -47.9377 looks on a white 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

Black Background



This preview shows how the YUV color 127.6610, 13.9711, -47.9377 looks on a black 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

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

YUV 127.6610, 13.9711, -47.9377

Background



This preview shows how black text looks on a background with the YUV color 127.6610, 13.9711, -47.9377.

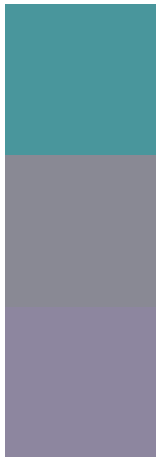


This preview shows how white text looks on a background with the YUV color 127.6610, 13.9711, -47.9377.

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

127.6610, 13.9711, -47.9377

Protanopia

138.2540, 4.8048, -1.0998

Deuteranopia

138.9430, 9.8881, 1.8040



Tritanopia

128.2420, 16.1497, -46.6932

Trichromacy



Original Color

127.6610, 13.9711, -47.9377

Protanomaly

134.6540, 8.0586, -18.1136

Deuteranomaly

134.8760, 11.4001, -16.5543

Tritanomaly

127.7150, 15.4235, -47.1081

Monochromacy



Original Color

127.6610, 13.9711, -47.9377

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

127.8560, 5.0010, -17.4137

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.6610, 13.9711, -47.9377 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(73, 150, 156)` looks like.

```
.text, #text, p{  
    color:rgb(73, 150, 156)  
}
```

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(73, 150, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 150, 156) }
```

Border

The CSS property to change the border of an element to YUV 127.6610, 13.9711, -47.9377 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(73, 150, 156) }
```


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

```
.border{ border-color:rgb(73, 150, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 150, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 150, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 150, 156);  
box-shadow:4px 4px 4px 4px rgb(73, 150,  
156) }
```

Background

The CSS property to change the background color of an element to YUV 127.6610, 13.9711, -47.9377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 150, 156) }
```

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

```
.background{ background-color: rgb(73, 150,  
156) }
```

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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