

Converting Colors

YUV(130.6610, 13.9711,
-47.9377)

Have a look what the booklet for
YUV(130.6610, 13.9711, -47.9377)
contains.

YUV(130.6610, 13.9711, -47.9377)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(130.6610, 13.9711,
-47.9377)**

Conversions

Conversions Part 1

Format	Color
Hex	4C999F
RGB	76, 153, 159
RGB Percent	30%, 60%, 62%
CMY	0.7020, 0.4000, 0.3765
CMYK	0.52, 0.04, 0.00, 0.38
HSL	184°, 35%, 46%
HSV	184°, 52%, 62%
XYZ	20.6297, 26.8222, 36.8908
YIQ	130.6610, -47.8180, -14.4580

Conversions

Conversions Part 2

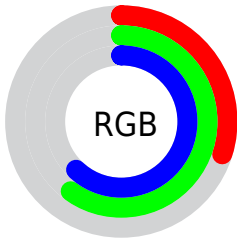
Format	Color
R_{YB}	76, 116, 159
Decimal	5020063
CIE _{Lab}	58.81, -21.97, -10.45
CIE _{LCh}	59, 24.327, 205.430
Yxy	26.8222, 0.2446, 0.3180
Android (android.graphics.Color)	4283210143 (0xFF4C999F)
YUV	130.6610, 13.9711, -47.9377
Hunter-Lab	51.7901, -19.5302, -5.9800

Details

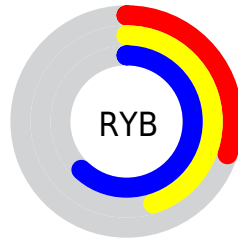
The YUV color **130.6610, 13.9711, -47.9377** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **104.3390, -13.9711, 47.9377**, and the grayscale version is **131.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **185.6610, 13.9711, -47.9377**, and **73.9800, 16.7719, -59.6185** is the 20% darker color. If you saturate the color by 10%, you get **125.2900, 16.6190, -57.2593**, and if you desaturate by 10%, it is **136.0320, 11.3232, -38.6161**.

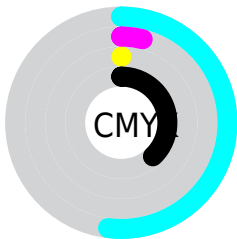
Distribution



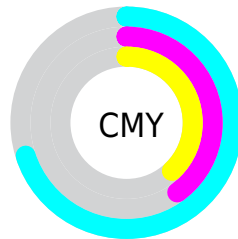
- Red (30%)
- Green (60%)
- Blue (62%)



- Red (30%)
- Yellow (45%)
- Blue (62%)



- Cyan (52%)
- Magenta (4%)
- Yellow (0%)
- Black (38%)



- Cyan (70%)
- Magenta (40%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 130.6610, 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 130.6610, 13.9711, -47.9377 by changing the saturation by 10% instead.

■ 130.6610, 13.9711,
-47.9377

■ 130.6610, 13.9711,
-47.9377

■ 255.0000, 0.0000,
0.0000

■ 103.7640, 14.4133,
-49.7820

■ 185.6610, 13.9711,
-47.9377

■ 73.9800, 16.7719,
-59.6185

■ 213.6610, 13.9711,
-47.9377

■ 54.6610, 13.9711,
-47.9377

■ 234.9670, 9.8763,
-41.1901

■ 38.5380, 10.5808,
-33.7978

■ 243.6380, 5.6015,
-23.3615

■ 23.8170, 7.4852,
-20.8875

■ 252.3090, 1.3267,
-5.5330

■ 2.6390, 7.5730,
-2.3144

■ 0.0000, 0.0000,

0.0000

■ 130.6610, 13.9711,
-47.9377

■ 130.6610, 13.9711,
-47.9377

■ 125.2900, 16.6190,
-57.2593

■ 136.0320, 11.3232,
-38.6161

■ 119.9190, 19.2669,
-66.5810

■ 141.4030, 8.6753,
-29.2944

■ 114.5480, 21.9148,
-75.9026

■ 146.7740, 6.0274,
-19.9728

■ 108.5900, 24.8521,
-84.7094

■ 152.7320, 3.0901,
-11.1660

■ 105.0020, 26.6210,
-92.0868

■ 158.1030, 0.4422,
-1.8443

■ 163.1750, -2.0583,
6.8625

■ 168.5460, -4.7062,
16.1842

■ 173.9170, -7.3541,
25.5058

■ 179.2880,
-10.0020, 34.8274

Harmonies

Analogous

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



132.3390, 2.2979, -37.1313



130.6610, 13.9711, -47.9377



133.2300, 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.



130.6610, 13.9711, -47.9377



144.8680, 10.4181, 18.5328



140.7190, -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.



130.6610, 13.9711, -47.9377



104.3390, -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.



142.3060, -17.4059, 29.5496



130.6610, 13.9711, -47.9377



144.7250, 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.



130.6610, 13.9711, -47.9377



142.7990, 18.3401, -2.4547



143.7010, -9.7126, 35.3422



138.7060, -17.6031, -0.6192

Rectangle

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



130.6610, 13.9711, -47.9377



136.9370, 22.2161, -32.3937



143.7010, -9.7126, 35.3422



141.5670, -19.9995, 21.4277

Sweetspot

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



130.6610, 13.9711, -47.9377



195.3720, 5.7326, -18.7432



125.4050, -21.3987, -43.3282



97.8460, 3.5269, -11.2659



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



130.6610, 13.9711, -47.9377



161.9610, 22.2042, -75.3878



106.5940, 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.



109.5950, 21.3987, 43.3282



128.9630, 33.5422, 68.4384



128.4060, -25.8362, 26.8309



74.1900, 1.8783, 4.2184



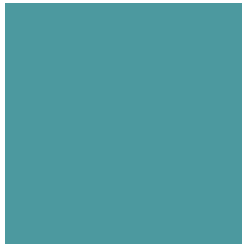
57.8050, 36.5781, 74.7160



6.0810, 3.9041, 7.8220

Previews

White Background



This preview shows how the YUV color 130.6610, 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 130.6610, 13.9711, -47.9377 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

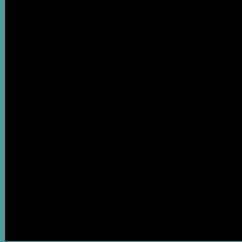
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 130.6610, 13.9711, -47.9377

Background



This preview shows how black text looks on a background with the YUV color 130.6610, 13.9711, -47.9377.



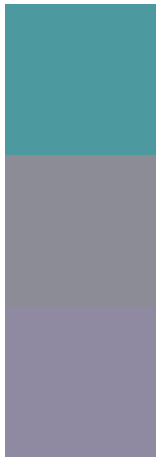
This preview shows how white text looks on a background with the YUV color 130.6610, 13.9711, -47.9377.

-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

130.6610, 13.9711, -47.9377

Protanopia

141.2540, 4.8048, -1.0998

Deuteranopia

141.9430, 9.8881, 1.8040



Tritanopia

131.2420, 16.1497, -46.6932

Trichromacy



Original Color

130.6610, 13.9711, -47.9377

Protanomaly

137.6540, 8.0586, -18.1136

Deuteranomaly

137.8760, 11.4001, -16.5543

Tritanomaly

130.7150, 15.4235, -47.1081

Monochromacy



Original Color

130.6610, 13.9711, -47.9377

Achromatopsia

131.0000, 0.0000, 0.0000

Achromatomaly

130.8560, 5.0010, -17.4137

CSS Examples

Text

The CSS property to change the color of the text to YUV 130.6610, 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(76, 153, 159)` looks like.

```
.text, #text, p{  
    color:rgb(76, 153, 159)  
}
```

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(76, 153, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 153, 159) }
```

Border

The CSS property to change the border of an element to YUV 130.6610, 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(76, 153, 159) }
```


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

```
.border{ border-color:rgb(76, 153, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 153, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 153, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 153, 159);  
box-shadow:4px 4px 4px 4px rgb(76, 153,  
159) }
```

Background

The CSS property to change the background color of an element to YUV 130.6610, 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(76, 153, 159) }
```

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

```
.background{ background-color: rgb(76, 153,  
159) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor