

Converting Colors

YUV(158.6490, -1.3060,
-47.9272)

Have a look what the booklet for
YUV(158.6490, -1.3060, -47.9272)
contains.

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Color

**YUV(158.6490, -1.3060,
-47.9272)**

Conversions

Conversions Part 1

Format	Color
Hex	68BB9C
RGB	104, 187, 156
RGB Percent	41%, 73%, 61%
CMY	0.5922, 0.2667, 0.3882
CMYK	0.44, 0.00, 0.17, 0.27
HSL	158°, 38%, 57%
HSV	158°, 44%, 73%
XYZ	29.4800, 40.8840, 37.7901
YIQ	158.6490, -39.5170, -27.2370

Conversions

Conversions Part 2

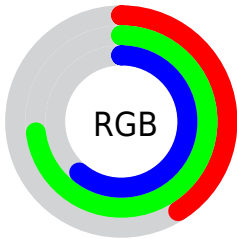
Format	Color
RYB	104, 155, 187
Decimal	6863772
CIELab	70.09, -32.64, 7.89
CIELCh	70, 33.583, 166.417
Yxy	40.8840, 0.2726, 0.3780
Android (android.graphics.Color)	4285053852 (0xFF68BB9C)
YUV	158.6490, -1.3060, -47.9272
Hunter-Lab	63.9406, -29.5981, 9.7169

Details

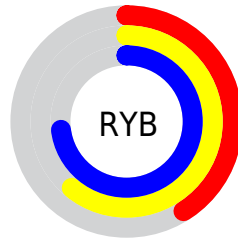
The YUV color **158.6490, -1.3060, -47.9272** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **132.3510, 1.3060, 47.9272**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.7090, -2.3215, -48.8568**, and **104.6920, 0.1518, -48.8419** is the 20% darker color. If you saturate the color by 10%, you get **152.1700, -1.5628, -58.9081**, and if you desaturate by 10%, it is **165.1280, -1.0491, -36.9463**.

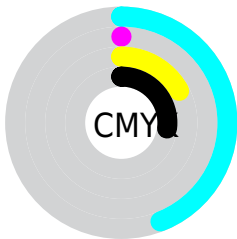
Distribution



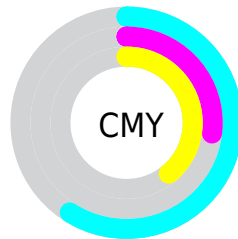
- Red (41%)
- Green (73%)
- Blue (61%)



- Red (41%)
- Yellow (61%)
- Blue (73%)



- Cyan (44%)
- Magenta (0%)
- Yellow (17%)
- Black (27%)



- Cyan (59%)
- Magenta (27%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.6490, -1.3060, -47.9272 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 158.6490, -1.3060, -47.9272 by changing the saturation by 10% instead.

■ 158.6490, -1.3060,
-47.9272

■ 158.6490, -1.3060,
-47.9272

255.0000, 0.0000,
0.0000

■ 131.7630, -0.8692,
-48.0272

■ 214.7090, -2.3215,
-48.8568

■ 104.6920, 0.1518,
-48.8419

■ 232.8440, 3.0349,
-40.2052

■ 76.5170, 2.2101,
-55.7044

■ 243.3390, 5.7489,
-23.9763

■ 55.3330, 1.3148,
-48.5270

■ 252.0100, 1.4741,
-6.1478

■ 38.7370, -1.3493,
-33.9723

■ 24.0160, -4.4449,
-21.0620

■ 0.5870, -0.2894,

-0.5148

■ 0.0000, 0.0000,
0.0000

■ 158.6490, -1.3060,
-47.9272

■ 158.6490, -1.3060,
-47.9272

■ 152.1700, -1.5628,
-58.9081

■ 165.1280, -1.0491,
-36.9463

■ 145.9900, -1.9671,
-69.2742

■ 171.3080, -0.6448,
-26.5801

■ 139.5110, -2.2239,
-80.2551

■ 177.7870, -0.3880,
-15.5992

■ 133.0320, -2.4808,
-91.2361

■ 184.2660, -0.1311,
-4.6183

■ 126.8520, -2.8850,
-101.6022

■ 190.4460, 0.2731,
5.7479

■ 123.1070, -3.0108,
-107.9648

■ 196.9250, 0.5300,
16.7288

■ 203.4040, 0.7868,
27.7097

■ 209.8830, 1.0437,
38.6906

■ 210.9800, 3.9539,
38.6055

Harmonies

Analogous

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



164.1720, -17.8328, -20.3218



158.6490, -1.3060, -47.9272



152.9030, 16.8098, -71.8289

Triad

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



158.6490, -1.3060, -47.9272



171.1810, 28.9978, -14.1907



172.8520, -22.1120, 45.7338

Complementary

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



158.6490, -1.3060, -47.9272



132.3510, 1.3060, 47.9272

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.



174.6150, -9.1772, 50.3266



158.6490, -1.3060, -47.9272



175.7460, 18.8592, 17.7628

Square

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



158.6490, -1.3060, -47.9272



162.9980, 33.0320, -48.2332



175.7460, 5.5482, 40.5648



170.9180, -29.0466, 29.8899

Rectangle

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



158.6490, -1.3060, -47.9272



151.8020, 26.7196, -77.0024



175.7460, 5.5482, 40.5648



173.3130, -17.9023, 48.8375

Sweetspot

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



158.6490, -1.3060, -47.9272



231.3630, -0.6720, -17.8584



162.2890, -28.7365, -23.0555



115.5210, -0.2569, -10.9809



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



158.6490, -1.3060, -47.9272



198.2560, -2.0982, -73.8925



156.3130, 15.1287, -45.8785



90.9670, 0.0163, -5.2331



104.0320, -2.4808, -91.2361



20.3630, -0.6720, -17.8584

Inverse Universe

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



132.3510, 1.3060, 47.9272



157.7440, 2.0982, 73.8925



134.6870, -15.1287, 45.8785



88.0330, -0.0163, 5.2331



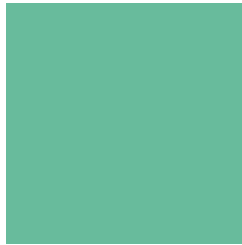
53.9680, 2.4808, 91.2361



10.5230, 0.2352, 17.9583

Previews

White Background



This preview shows how the YUV color 158.6490, -1.3060, -47.9272 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 158.6490, -1.3060, -47.9272 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

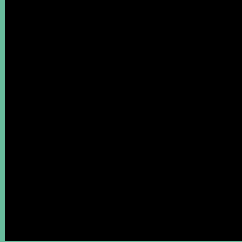
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 158.6490, -1.3060, -47.9272

Background



This preview shows how black text looks on a background with the YUV color 158.6490, -1.3060, -47.9272.



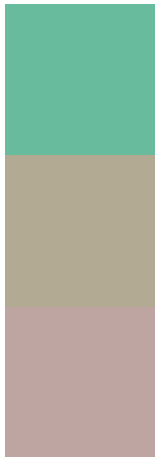
This preview shows how white text looks on a background with the YUV color 158.6490, -1.3060,

-47.9272.

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

158.6490, -1.3060, -47.9272

Protanopia

170.0690, -11.3730, 7.8325

Deuteranopia

172.0190, -5.4324, 15.7693



Tritanopia

162.6770, 16.4282, -42.6897

Trichromacy



Original Color

158.6490, -1.3060, -47.9272



Protanomaly

165.8600, -7.8190, -12.1552



Deuteranomaly

167.2180, -4.0515, -7.2072



Tritanomaly

160.9450, 9.8871, -44.6788

Monochromacy



Original Color

158.6490, -1.3060, -47.9272



Achromatopsia

159.0000, 0.0000, 0.0000



Achromatomaly

158.7760, -0.3826, -17.3436

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.6490, -1.3060, -47.9272 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(104, 187, 156)` looks like.

```
.text, #text, p{  
    color:rgb(104, 187, 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(104, 187, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 187, 156) }
```

Border

The CSS property to change the border of an element to YUV 158.6490, -1.3060, -47.9272 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(104, 187, 156) }
```


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

```
.border{ border-color:rgb(104, 187, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 187, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 187, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 187, 156);  
box-shadow:4px 4px 4px 4px rgb(104, 187,  
156) }
```

Background

The CSS property to change the background color of an element to YUV 158.6490, -1.3060, -47.9272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 187, 156) }
```

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

```
.background{ background-color: rgb(104,  
187, 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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