

Converting Colors

YUV(165.4380, -4.6529,
-47.7421)

Have a look what the booklet for
YUV(165.4380, -4.6529, -47.7421)
contains.

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Color

**YUV(165.4380, -4.6529,
-47.7421)**

Conversions

Conversions Part 1

Format	Color
Hex	6FC39C
RGB	111, 195, 156
RGB Percent	44%, 76%, 61%
CMY	0.5647, 0.2353, 0.3882
CMYK	0.43, 0.00, 0.20, 0.24
HSL	152°, 41%, 60%
HSV	152°, 43%, 76%
XYZ	32.0714, 44.8100, 38.4113
YIQ	165.4380, -37.5450, -29.9370

Conversions

Conversions Part 2

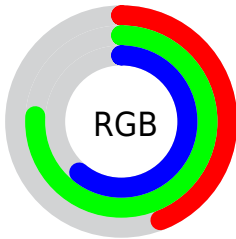
Format	Color
RYB	111, 166, 195
Decimal	7324572
CIELab	72.77, -34.52, 11.73
CIELCh	73, 36.459, 161.235
Yxy	44.8100, 0.2782, 0.3887
Android (android.graphics.Color)	4285514652 (0xFF6FC39C)
YUV	165.4380, -4.6529, -47.7421
Hunter-Lab	66.9403, -31.6253, 12.8367

Details

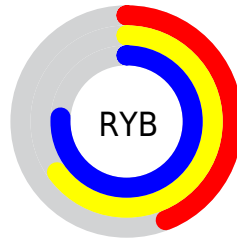
The YUV color **165.4380, -4.6529, -47.7421** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **140.5620, 4.6529, 47.7421**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.6120, -5.2317, -48.7717**, and **111.4810, -3.1951, -48.6568** is the 20% darker color. If you saturate the color by 10%, you get **158.4320, -5.6360, -59.1379**, and if you desaturate by 10%, it is **172.4440, -3.6699, -36.3464**.

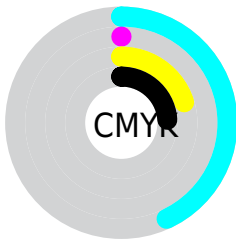
Distribution



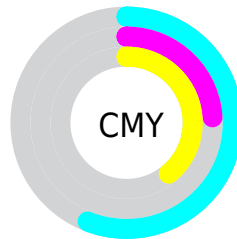
- Red (44%)
- Green (76%)
- Blue (61%)



- Red (44%)
- Yellow (65%)
- Blue (76%)



- Cyan (43%)
- Magenta (0%)
- Yellow (20%)
- Black (24%)



- Cyan (56%)
- Magenta (24%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.4380, -4.6529, -47.7421 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 165.4380, -4.6529, -47.7421 by changing the saturation by 10% instead.

■ 165.4380, -4.6529,
-47.7421

■ 165.4380, -4.6529,
-47.7421

255.0000, 0.0000,
0.0000

■ 138.5520, -4.2161,
-47.8421

■ 221.6120, -5.2317,
-48.7717

■ 111.4810, -3.1951,
-48.6568

■ 235.2360, 1.8557,
-35.2870

■ 83.9150, -1.4371,
-52.5455

■ 245.4320, 4.7170,
-19.6729

■ 59.4420, -0.7109,
-52.1306

254.4020, 0.2948,
-1.2296

■ 42.8460, -3.3751,
-37.5759

■ 26.9510, -5.8918,
-23.6360

■ 9.9790, -4.9196,

-8.7516

■ 0.0000, 0.0000,
0.0000

■ 165.4380, -4.6529,
-47.7421

■ 165.4380, -4.6529,
-47.7421

■ 158.4320, -5.6360,
-59.1379

■ 172.4440, -3.6699,
-36.3464

■ 151.7250, -6.7664,
-69.9188

■ 179.1510, -2.5394,
-25.5654

■ 145.0180, -7.8969,
-80.6998


■ 186.1570, -1.5564,
-14.1697

■ 138.0120, -8.8799,
-92.0955

■ 192.8640, -0.4260,
-3.3887

■ 131.3050,
-10.0104, -102.8765

■ 199.5710, 0.7045,
7.3922

 126.3210,
-11.0043, -110.7835

 206.5770, 1.6875,
18.7880

 213.2840, 2.8180,
29.5689

 216.7020, 5.5699,
33.5873

 217.7280, 9.5011,
32.6875

Harmonies

Analogous

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



171.4560, -21.9168, -17.0629



165.4380, -4.6529, -47.7421



158.2290, 15.6631, -77.3768

Triad

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



165.4380, -4.6529, -47.7421



177.7500, 32.6613, -22.5828



180.2980, -21.8389, 51.4817

Complementary

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



165.4380, -4.6529, -47.7421



140.5620, 4.6529, 47.7421

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.



181.8050, -7.2989, 54.5450



165.4380, -4.6529, -47.7421



182.4620, 22.9432, 14.5038

Square

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



165.4380, -4.6529, -47.7421



166.8330, 36.5643, -61.2435



183.5550, 8.6004, 41.6093



177.9080, -30.5206, 36.0377

Rectangle

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



165.4380, -4.6529, -47.7421



155.0670, 28.0680, -89.5128



183.5550, 8.6004, 41.6093



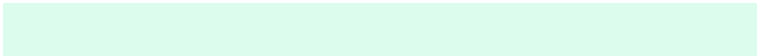
180.8730, -17.1924, 54.4854

Sweetspot

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



165.4380, -4.6529, -47.7421



240.7220, -1.8349, -18.1732



171.9690, -30.0577, -19.2668



120.5810, -1.2724, -11.9105



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



165.4380, -4.6529, -47.7421



205.9910, -6.8976, -74.5371



168.1230, 13.2504, -50.0969



93.4400, -0.7099, -5.6479



104.3110, -9.0273, -91.4807



21.4230, -1.6875, -18.7880

Inverse Universe

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



140.5620, 4.6529, 47.7421



167.1230, 7.3344, 74.4371



137.8770, -13.2504, 50.0969



90.5600, 0.7099, 5.6479



56.6890, 9.0273, 91.4807



11.5770, 1.6875, 18.7880

Previews

White Background



This preview shows how the YUV color 165.4380, -4.6529, -47.7421 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 165.4380, -4.6529, -47.7421 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

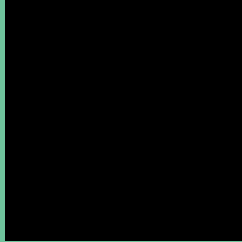
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 165.4380, -4.6529, -47.7421

Background



This preview shows how black text looks on a background with the YUV color 165.4380, -4.6529, -47.7421.



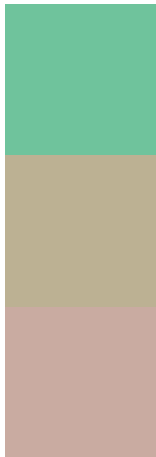
This preview shows how white text looks on a background with the YUV color 165.4380, -4.6529, -47.7421.

-47.7421.

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

165.4380, -4.6529, -47.7421

Protanopia

176.8690, -14.7254, 9.7619

Deuteranopia

178.8300, -8.7902, 19.4431



Tritanopia

170.3890, 16.5702, -41.5602

Trichromacy



Original Color

165.4380, -4.6529, -47.7421



Protanomaly

172.9480, -11.3134, -11.3554



Deuteranomaly

174.0180, -7.4039, -5.2778



Tritanomaly

169.0160, 8.8661, -43.8640

Monochromacy



Original Color

165.4380, -4.6529, -47.7421



Achromatopsia

165.0000, 0.0000, 0.0000



Achromatomaly

165.1350, -1.5456, -17.6584

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.4380, -4.6529, -47.7421 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(111, 195, 156)` looks like.

```
.text, #text, p{  
    color:rgb(111, 195, 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(111, 195, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 195, 156) }
```

Border

The CSS property to change the border of an element to YUV 165.4380, -4.6529, -47.7421 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(111, 195, 156) }
```


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

```
.border{ border-color:rgb(111, 195, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 195, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 195, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 195, 156);  
box-shadow:4px 4px 4px 4px rgb(111, 195,  
156) }
```

Background

The CSS property to change the background color of an element to YUV 165.4380, -4.6529, -47.7421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 195, 156) }
```

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

```
.background{ background-color: rgb(111,  
195, 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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