

Converting Colors

YUV(158.8060, -2.8624,
-62.0969)

Have a look what the booklet for
YUV(158.8060, -2.8624, -62.0969)
contains.

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Color

**YUV(158.8060, -2.8624,
-62.0969)**

Conversions

Conversions Part 1

Format	Color
Hex	58C499
RGB	88, 196, 153
RGB Percent	35%, 77%, 60%
CMY	0.6549, 0.2314, 0.4000
CMYK	0.55, 0.00, 0.22, 0.23
HSL	156°, 48%, 56%
HSV	156°, 55%, 77%
XYZ	29.5142, 43.8545, 37.0462
YIQ	158.8060, -50.5650, -36.2690

Conversions

Conversions Part 2

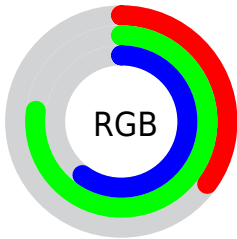
Format	Color
RYB	88, 155, 196
Decimal	5817497
CIELab	72.13, -41.29, 12.33
CIELCh	72, 43.091, 163.378
Yxy	43.8545, 0.2673, 0.3972
Android (android.graphics.Color)	4284007577 (0xFF58C499)
YUV	158.8060, -2.8624, -62.0969
Hunter-Lab	66.2227, -36.3357, 13.1880

Details

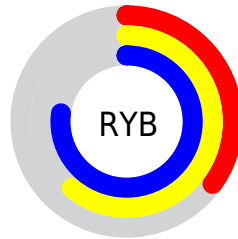
The YUV color **158.8060, -2.8624, -62.0969** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **125.1940, 2.8624, 62.0969**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.7630, -4.3202, -61.1822**, and **99.4780, 1.2433, -72.3332** is the 20% darker color. If you saturate the color by 10%, you get **151.9140, -3.4086, -73.5926**, and if you desaturate by 10%, it is **165.6980, -2.3161, -50.6011**.

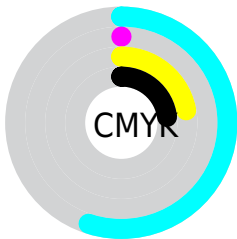
Distribution



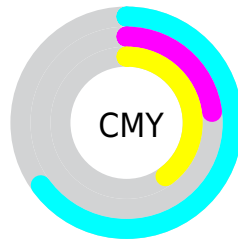
- Red (35%)
- Green (77%)
- Blue (60%)



- Red (35%)
- Yellow (61%)
- Blue (77%)



- Cyan (55%)
- Magenta (0%)
- Yellow (22%)
- Black (23%)



- Cyan (65%)
- Magenta (23%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.8060, -2.8624, -62.0969 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 158.8060, -2.8624, -62.0969 by changing the saturation by 10% instead.

■ 158.8060, -2.8624,
-62.0969

■ 158.8060, -2.8624,
-62.0969

255.0000, 0.0000,
0.0000

■ 130.1370, -1.5465,
-64.1411

■ 215.7630, -4.3202,
-61.1822

■ 99.4780, 1.2433,
-72.3332

■ 228.6150, 3.6408,
-47.8974

■ 76.3970, 0.7903,
-67.0002

■ 239.4520, 7.6652,
-31.9684

■ 59.1000, -2.0213,
-51.8307

■ 248.4220, 3.2430,
-13.5251

■ 42.5040, -4.6855,
-37.2760

■ 26.6090, -7.2022,
-23.3361

■ 8.2180, -4.0515,

-7.2072

■ 0.0000, 0.0000,
0.0000

■ 158.8060, -2.8624,
-62.0969

■ 158.8060, -2.8624,
-62.0969

■ 151.9140, -3.4086,
-73.5926

■ 165.6980, -2.3161,
-50.6011

■ 145.3210, -4.1023,
-84.4735

■ 172.2910, -1.6225,
-39.7202

■ 138.5430, -4.2117,
-96.0692

■ 179.0690, -1.5130,
-28.1245

■ 131.9500, -4.9053,
-106.9501

■ 185.6620, -0.8194,
-17.2436

■ 128.5040, -5.1785,
-112.6980

■ 192.5540, -0.2731,
-5.7479

■ 199.4460, 0.2731,
5.7479

■ 206.0390, 0.9668,
16.6288

■ 212.8170, 1.0762,
28.2245

■ 216.7190, 3.0965,
33.5724

Harmonies

Analogous

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



167.1410, -24.2265, -22.9257



158.8060, -2.8624, -62.0969



138.3420, 27.4394, -121.3259

Triad

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



158.8060, -2.8624, -62.0969



175.5200, 38.1976, -25.0120



177.3160, -25.7918, 59.3589

Complementary

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



158.8060, -2.8624, -62.0969



125.1940, 2.8624, 62.0969

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.



179.7030, -9.2206, 64.2815



158.8060, -2.8624, -62.0969



181.2930, 25.9846, 19.0370

Square

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



158.8060, -2.8624, -62.0969



159.1280, 45.7859, -79.0423



181.1370, 9.2995, 50.7459



175.6220, -36.7886, 39.7965

Rectangle

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



158.8060, -2.8624, -62.0969



140.0180, 38.9381, -122.7958



181.1370, 9.2995, 50.7459



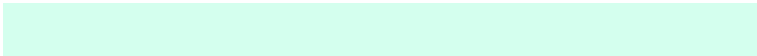
178.3040, -20.8559, 62.8774

Sweetspot

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



158.8060, -2.8624, -62.0969



240.2050, -1.0871, -24.7358



164.2530, -37.5927, -29.1629



118.9720, -0.9722, -14.8844



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.



158.8060, -2.8624, -62.0969



197.1300, -4.5011, -96.5840



157.2510, 19.1033, -60.7331



93.5540, -0.2731, -5.7479



105.5650, -4.2225, -92.5805



21.6510, -0.8139, -18.9879

Inverse Universe

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



125.1940, 2.8624, 62.0969



144.8700, 4.5011, 96.5840



126.7490, -19.1033, 60.7331



90.4460, 0.2731, 5.7479



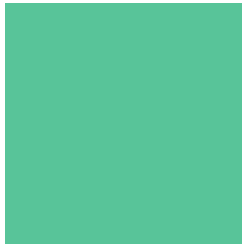
55.4350, 4.2225, 92.5805



11.3490, 0.8139, 18.9879

Previews

White Background



This preview shows how the YUV color 158.8060, -2.8624, -62.0969 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 158.8060, -2.8624, -62.0969 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

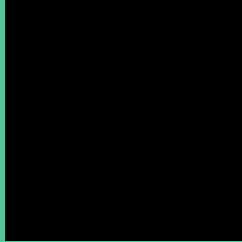
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 158.8060, -2.8624, -62.0969

Background



This preview shows how black text looks on a background with the YUV color 158.8060, -2.8624, -62.0969.



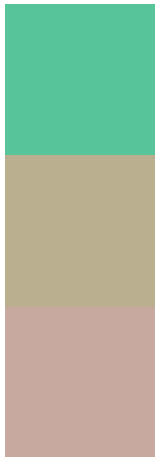
This preview shows how white text looks on a background with the YUV color 158.8060, -2.8624,

-62.0969.

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

158.8060, -2.8624, -62.0969

Protanopia

174.6410, -15.5990, 9.9618

Deuteranopia

176.8300, -8.7902, 19.4431



Tritanopia

165.2950, 19.0816, -53.7557

Trichromacy



Original Color

158.8060, -2.8624, -62.0969



Protanomaly

169.0290, -10.8603, -16.6884



Deuteranomaly

170.5120, -6.6614, -10.0960



Tritanomaly

163.0960, 10.7987, -57.0892

Monochromacy



Original Color

158.8060, -2.8624, -62.0969



Achromatopsia

159.0000, 0.0000, 0.0000



Achromatomaly

158.6290, -0.8031, -22.4766

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.8060, -2.8624, -62.0969 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(88, 196, 153)` looks like.

```
.text, #text, p{  
    color:rgb(88, 196, 153)  
}
```

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(88, 196, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 196, 153) }
```

Border

The CSS property to change the border of an element to YUV 158.8060, -2.8624, -62.0969 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(88, 196, 153) }
```


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

```
.border{ border-color:rgb(88, 196, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 196, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 196, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 196, 153);  
box-shadow:4px 4px 4px 4px rgb(88, 196,  
153) }
```

Background

The CSS property to change the background color of an element to YUV 158.8060, -2.8624, -62.0969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 196, 153) }
```

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

```
.background{ background-color: rgb(88, 196,  
153) }
```

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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