

Converting Colors

YUV(159.2560, 1.3528,
-60.7375)

Have a look what the booklet for
YUV(159.2560, 1.3528, -60.7375)
contains.

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Color

**YUV(159.2560, 1.3528,
-60.7375)**

Conversions

Conversions Part 1

Format	Color
Hex	5AC2A2
RGB	90, 194, 162
RGB Percent	35%, 76%, 64%
CMY	0.6471, 0.2392, 0.3647
CMYK	0.54, 0.00, 0.16, 0.24
HSL	162°, 46%, 56%
HSV	162°, 54%, 76%
XYZ	30.0298, 43.3659, 40.9701
YIQ	159.2560, -51.7120, -32.0000

Conversions

Conversions Part 2

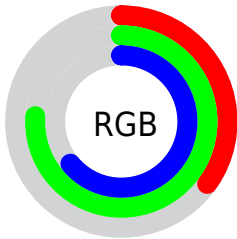
Format	Color
RYB	90, 151, 194
Decimal	5948066
CIELab	71.80, -37.91, 7.00
CIELCh	72, 38.554, 169.546
Yxy	43.3659, 0.2626, 0.3792
Android (android.graphics.Color)	4284138146 (0xFF5AC2A2)
YUV	159.2560, 1.3528, -60.7375
Hunter-Lab	65.8528, -33.8437, 9.2098

Details

The YUV color **159.2560, 1.3528, -60.7375** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **124.7440, -1.3528, 60.7375**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **216.0280, 0.4792, -60.5376**, and **101.5970, 4.1427, -68.9296** is the 20% darker color. If you saturate the color by 10%, you get **152.8910, 1.5327, -71.8184**, and if you desaturate by 10%, it is **165.6210, 1.1728, -49.6566**.

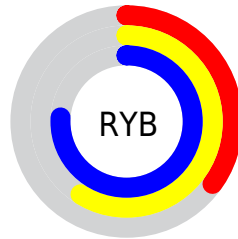
Distribution



Red (35%)

Green (76%)

Blue (64%)



Red (35%)

Yellow (59%)

Blue (76%)

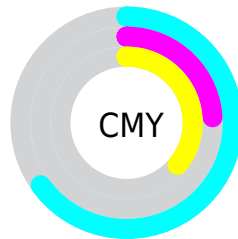


Cyan (54%)

Magenta (0%)

Yellow (16%)

Black (24%)



Cyan (65%)

Magenta (24%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.2560, 1.3528, -60.7375 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 159.2560, 1.3528, -60.7375 by changing the saturation by 10% instead.

■ 159.2560, 1.3528,
-60.7375

■ 159.2560, 1.3528,
-60.7375

■ 255.0000, 0.0000,
0.0000

■ 130.8860, 2.5212,
-62.1670

■ 216.0280, 0.4792,
-60.5376

■ 101.5970, 4.1427,
-68.9296

■ 230.2390, 7.2772,
-47.5676

■ 76.7220, 4.5741,
-67.2852

■ 240.0500, 7.3704,
-30.7388

■ 58.8380, 2.0519,
-51.6009

■ 249.0200, 2.9481,
-12.2955

■ 42.2420, -0.6123,
-37.0462

■ 26.9340, -3.4185,
-23.6211

■ 7.0440, -3.4727,

-6.1776

■ 0.0000, 0.0000,
0.0000

■ 159.2560, 1.3528,
-60.7375

■ 159.2560, 1.3528,
-60.7375

■ 152.8910, 1.5327,
-71.8184

■ 165.6210, 1.1728,
-49.6566

■ 146.2270, 1.8601,
-83.5141

■ 172.2850, 0.8455,
-37.9609

■ 139.8620, 2.0400,
-94.5950

■ 178.6500, 0.6655,
-26.8801

■ 133.1980, 2.3674,
-106.2906

■ 185.3140, 0.3382,
-15.1844

■ 129.1540, 2.3891,
-113.2681

■ 191.6790, 0.1583,
-4.1035

■ 198.0440, -0.0217,
6.9774

■ 204.7080, -0.3490,
18.6731

■ 211.0730, -0.5290,
29.7540

■ 214.7470, 0.6177,
35.3019

Harmonies

Analogous

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



166.3130, -18.3953, -26.5845



159.2560, 1.3528, -60.7375



148.3990, 24.4533, -96.8199

Triad

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



159.2560, 1.3528, -60.7375



176.4030, 32.3393, -12.6314



177.1470, -26.2015, 50.7371

Complementary

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



159.2560, 1.3528, -60.7375



124.7440, -1.3528, 60.7375

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.



178.2740, -11.9671, 58.5187



159.2560, 1.3528, -60.7375



180.8330, 20.2953, 23.8255

Square

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



159.2560, 1.3528, -60.7375



166.1480, 38.8740, -55.3808



180.2740, 4.7949, 48.8717



174.7780, -33.4146, 30.8897

Rectangle

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



159.2560, 1.3528, -60.7375



145.5470, 36.7053, -106.5967



180.2740, 4.7949, 48.8717



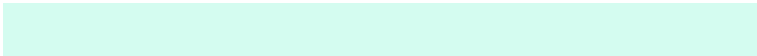
177.3200, -21.8498, 54.9704

Sweetspot

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



159.2560, 1.3528, -60.7375



238.6720, 0.6547, -23.3913



160.9150, -34.9611, -33.2515



119.6130, 0.1908, -14.5696



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.



159.2560, 1.3528, -60.7375



198.2750, 2.3294, -94.0802



151.7510, 20.8288, -54.1556



93.6680, 0.1637, -5.8478



107.1610, 1.8926, -93.9802



21.9930, 0.4965, -19.2879

Inverse Universe

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



124.7440, -1.3528, 60.7375



144.8390, -1.8926, 93.9802



132.2490, -20.8288, 54.1556



90.3320, -0.1637, 5.8478



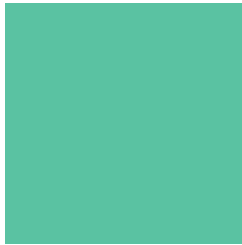
53.7250, -2.3294, 94.0802



11.0070, -0.4965, 19.2879

Previews

White Background



This preview shows how the YUV color 159.2560, 1.3528, -60.7375 looks on a white background.

Color Contrast Check

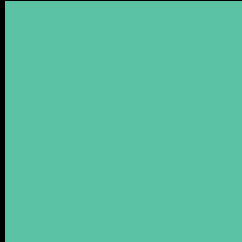
Large Text (above 18pt) WCAG AA × Fail

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 159.2560, 1.3528, -60.7375 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

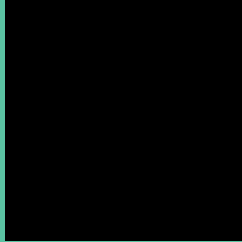
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 159.2560, 1.3528, -60.7375

Background



This preview shows how black text looks on a background with the YUV color 159.2560, 1.3528, -60.7375.



This preview shows how white text looks on a background with the YUV color 159.2560, 1.3528, -60.7375.

-60.7375.

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

159.2560, 1.3528, -60.7375

Protanopia

174.1830, -10.9362, 7.7325

Deuteranopia

176.2470, -4.5588, 15.5694



Tritanopia

164.2950, 19.0816, -53.7557

Trichromacy



Original Color

159.2560, 1.3528, -60.7375



Protanomaly

168.5820, -6.2029, -17.1734



Deuteranomaly

169.9400, -2.4354, -12.2254



Tritanomaly

162.2640, 12.6878, -56.3595

Monochromacy



Original Color

159.2560, 1.3528, -60.7375



Achromatopsia

159.0000, 0.0000, 0.0000



Achromatomaly

159.2700, 0.3599, -22.1618

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.2560, 1.3528, -60.7375 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(90, 194, 162)` looks like.

```
.text, #text, p{  
    color:rgb(90, 194, 162)  
}
```

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(90, 194, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 194, 162) }
```

Border

The CSS property to change the border of an element to YUV 159.2560, 1.3528, -60.7375 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(90, 194, 162) }
```


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

```
.border{ border-color:rgb(90, 194, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 194, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 194, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 194, 162);  
box-shadow:4px 4px 4px 4px rgb(90, 194,  
162) }
```

Background

The CSS property to change the background color of an element to YUV 159.2560, 1.3528, -60.7375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 194, 162) }
```

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

```
.background{ background-color: rgb(90, 194,  
162) }
```

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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