

Converting Colors

YUV(174.4350, 3.2365,
-58.2635)

Have a look what the booklet for
YUV(174.4350, 3.2365, -58.2635)
contains.

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Color

**YUV(174.4350, 3.2365,
-58.2635)**

Conversions

Conversions Part 1

Format	Color
Hex	6CCFB5
RGB	108, 207, 181
RGB Percent	42%, 81%, 71%
CMY	0.5765, 0.1882, 0.2902
CMYK	0.48, 0.00, 0.13, 0.19
HSL	164°, 51%, 62%
HSV	164°, 48%, 81%
XYZ	36.8377, 51.1500, 51.6474
YIQ	174.4350, -50.6580, -29.0740

Conversions

Conversions Part 2

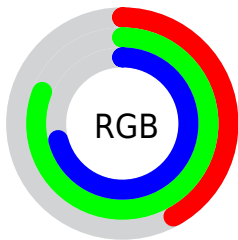
Format	Color
RYB	108, 165, 207
Decimal	7131061
CIELab	76.77, -35.32, 3.97
CIELCh	77, 35.544, 173.585
Yxy	51.1500, 0.2638, 0.3663
Android (android.graphics.Color)	4285321141 (0xFF6CCFB5)
YUV	174.4350, 3.2365, -58.2635
Hunter-Lab	71.5192, -33.2180, 7.2473

Details

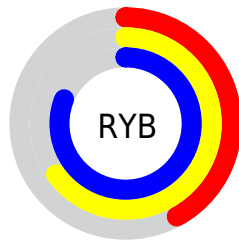
The YUV color **174.4350, 3.2365, -58.2635** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **140.5650, -3.2365, 58.2635**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.0380, 5.4043, -53.5303**, and **118.4670, 4.6998, -60.9226** is the 20% darker color. If you saturate the color by 10%, you get **167.5860, 4.1481, -70.6739**, and if you desaturate by 10%, it is **181.2840, 2.3250, -45.8531**.

Distribution



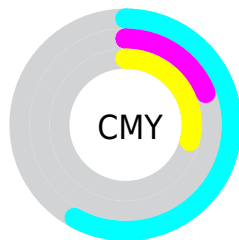
- Red (42%)
- Green (81%)
- Blue (71%)



- Red (42%)
- Yellow (65%)
- Blue (81%)



- Cyan (48%)
- Magenta (0%)
- Yellow (13%)
- Black (19%)



- Cyan (58%)
- Magenta (19%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 174.4350, 3.2365, -58.2635 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 174.4350, 3.2365, -58.2635 by changing the saturation by 10% instead.

■ 174.4350, 3.2365,
-58.2635

■ 174.4350, 3.2365,
-58.2635

255.0000, 0.0000,
0.0000

■ 146.2500, 3.8207,
-58.9783

■ 226.0380, 5.4043,
-53.5303

■ 118.4670, 4.6998,
-60.9226

■ 236.7610, 8.9918,
-37.5014

■ 86.0030, 8.3795,
-74.5476

■ 245.4320, 4.7170,
-19.6729

■ 67.7060, 5.5679,
-59.3782

254.4020, 0.2948,
-1.2296

■ 50.9960, 2.4670,
-44.7235

■ 34.5140, 0.2396,
-30.2688

■ 20.2660, -3.5821,

-17.7733

■ 0.0000, 0.0000,
0.0000

■ 174.4350, 3.2365,
-58.2635

■ 174.4350, 3.2365,
-58.2635

■ 167.5860, 4.1481,
-70.6739

■ 181.2840, 2.3250,
-45.8531

■ 160.9220, 4.4755,
-82.3696

■ 187.9480, 1.9976,
-34.1574

■ 154.0730, 5.3870,
-94.7800

■ 194.7970, 1.0861,
-21.7470

■ 147.1100, 5.8618,
-107.0905

■ 201.7600, 0.6113,
-9.4365

■ 140.2610, 6.7733,
-119.5009

■ 208.3100, -0.1528,
2.3591

 138.9510, 6.9262,
-121.8600

 215.2730, -0.6276,
14.6696

 222.1220, -1.5391,
27.0800

 223.2900, 0.3500,
27.8097

 223.9740, 2.9708,
27.2098

Harmonies

Analogous

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



180.1000, -15.3323, -29.0287



174.4350, 3.2365, -58.2635



169.3410, 22.5099, -80.1061

Triad

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



174.4350, 3.2365, -58.2635



191.5240, 28.8287, -6.5985



190.5270, -25.8958, 46.0188

Complementary

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



174.4350, 3.2365, -58.2635



140.5650, -3.2365, 58.2635

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.



192.4970, -13.5560, 54.8151



174.4350, 3.2365, -58.2635



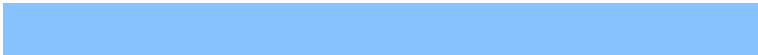
194.3450, 17.0849, 26.8844

Square

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



174.4350, 3.2365, -58.2635



183.4870, 34.7629, -43.4001



193.8780, 2.0321, 48.3420



188.2120, -31.6565, 27.0011

Rectangle

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



174.4350, 3.2365, -58.2635



170.6320, 31.2404, -80.3613



193.8780, 2.0321, 48.3420



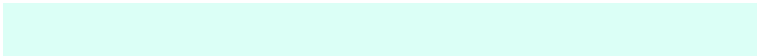
191.4720, -22.4177, 50.4521

Sweetspot

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



174.4350, 3.2365, -58.2635



243.2100, 1.3755, -21.2322



173.8870, -32.4823, -34.9809



120.7380, 0.6222, -12.9252



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.



174.4350, 3.2365, -58.2635



207.3130, 4.7757, -85.3435



163.8980, 21.2493, -49.0225



101.3690, 0.3111, -6.4626



112.7520, 5.5453, -98.8835



27.4870, 1.2389, -24.1061

Inverse Universe

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



140.5650, -3.2365, 58.2635



157.6870, -4.7757, 85.3435



151.1020, -21.2493, 49.0225



97.6310, -0.3111, 6.4626



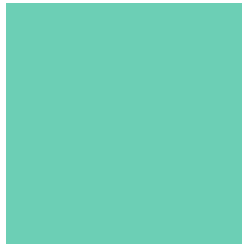
55.2480, -5.5453, 98.8835



13.5130, -1.2389, 24.1061

Previews

White Background



This preview shows how the YUV color 174.4350, 3.2365, -58.2635 looks on a white background.

Color Contrast Check

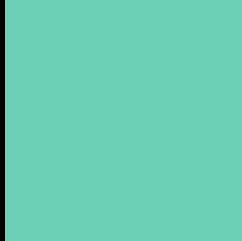
Large Text (above 18pt) WCAG AA × Fail

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 174.4350, 3.2365, -58.2635 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

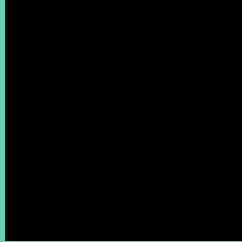
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

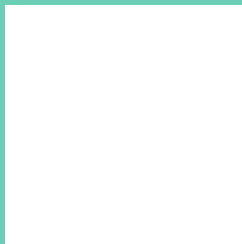
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 174.4350, 3.2365, -58.2635

Background



This preview shows how black text looks on a background with the YUV color 174.4350, 3.2365, -58.2635.



This preview shows how white text looks on a background with the YUV color 174.4350, 3.2365, -58.2635.

-58.2635.

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

174.4350, 3.2365, -58.2635

Protanopia

188.4540, -8.6048, 6.6178

Deuteranopia

189.9310, -1.9380, 14.9695



Tritanopia

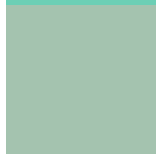
179.0070, 19.2235, -52.6261

Trichromacy



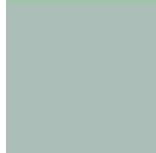
Original Color

174.4350, 3.2365, -58.2635



Protanomaly

183.4510, -4.1663, -17.0585



Deuteranomaly

184.2220, -0.1094, -11.5957



Tritanomaly

177.5030, 13.5560, -54.8151

Monochromacy



Original Color

174.4350, 3.2365, -58.2635



Achromatopsia

174.0000, 0.0000, 0.0000



Achromatomaly

174.2100, 1.3755, -21.2322

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.4350, 3.2365, -58.2635 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(108, 207, 181)` looks like.

```
.text, #text, p{  
    color:rgb(108, 207, 181)  
}
```

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(108, 207, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 207, 181) }
```

Border

The CSS property to change the border of an element to YUV 174.4350, 3.2365, -58.2635 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(108, 207, 181) }
```


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

```
.border{ border-color:rgb(108, 207, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 207, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 207, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 207, 181);  
box-shadow:4px 4px 4px 4px rgb(108, 207,  
181) }
```

Background

The CSS property to change the background color of an element to YUV 174.4350, 3.2365, -58.2635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 207, 181) }
```

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

```
.background{ background-color: rgb(108,  
207, 181) }
```

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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