

Converting Colors

YUV(173.9590, -4.9098,
-58.7230)

Have a look what the booklet for
YUV(173.9590, -4.9098, -58.7230)
contains.

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Color

**YUV(173.9590, -4.9098,
-58.7230)**

Conversions

Conversions Part 1

Format	Color
Hex	6BD2A4
RGB	107, 210, 164
RGB Percent	42%, 82%, 64%
CMY	0.5804, 0.1765, 0.3569
CMYK	0.49, 0.00, 0.22, 0.18
HSL	153°, 53%, 62%
HSV	153°, 49%, 82%
XYZ	35.8108, 51.8993, 43.2521
YIQ	173.9590, -46.6220, -36.1420

Conversions

Conversions Part 2

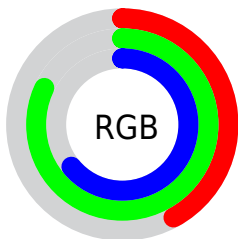
Format	Color
RYB	107, 173, 210
Decimal	7066276
CIELab	77.22, -40.68, 13.70
CIELCh	77, 42.930, 161.384
Yxy	51.8993, 0.2734, 0.3963
Android (android.graphics.Color)	4285256356 (0xFF6BD2A4)
YUV	173.9590, -4.9098, -58.7230
Hunter-Lab	72.0412, -37.3418, 14.8323

Details

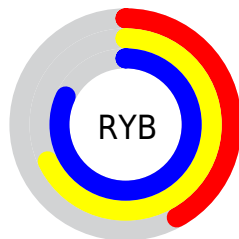
The YUV color **173.9590, -4.9098, -58.7230** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **143.0410, 4.9098, 58.7230**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.6870, -2.3107, -52.3455**, and **117.8060, -2.8624, -62.0969** is the 20% darker color. If you saturate the color by 10%, you get **166.6540, -5.7454, -70.7336**, and if you desaturate by 10%, it is **181.2640, -4.0742, -46.7125**.

Distribution



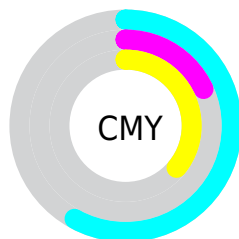
- Red (42%)
- Green (82%)
- Blue (64%)



- Red (42%)
- Yellow (68%)
- Blue (82%)



- Cyan (49%)
- Magenta (0%)
- Yellow (22%)
- Black (18%)



- Cyan (58%)
- Magenta (18%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the YUV color 173.9590, -4.9098, -58.7230 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 173.9590, -4.9098, -58.7230 by changing the saturation by 10% instead.

 173.9590, -4.9098,
-58.7230

 173.9590, -4.9098,
-58.7230


255.0000, 0.0000,
0.0000


 145.8880, -3.8888,
-59.5378


 223.6870, -2.3107,
-52.3455


 117.8060, -2.8624,
-62.0969


 235.6640, 6.0816,
-37.4163


 85.1680, 1.3962,
-74.6923

 245.1330, 4.8644,
-20.2876

 67.7570, -1.8522,
-59.4229

 254.1030, 0.4422,
-1.8443

 50.5740, -4.2270,
-44.3534

 34.0920, -6.4544,
-29.8987

 19.3710, -9.5499,

-16.9884

■ 0.0000, 0.0000,
0.0000

■ 173.9590, -4.9098,
-58.7230

■ 173.9590, -4.9098,
-58.7230

■ 166.6540, -5.7454,
-70.7336

■ 181.2640, -4.0742,
-46.7125

■ 159.2350, -7.0179,
-82.6441

■ 188.6830, -2.8017,
-34.8020

■ 151.9300, -7.8535,
-94.6546

■ 195.9880, -1.9661,
-22.7915

■ 144.5110, -9.1259,
-106.5651

■ 203.4070, -0.6937,
-10.8809

■ 137.2060, -9.9616,
-118.5757

■ 210.7120, 0.1420,
1.1296

■ 136.4940,
-10.1035, -119.7052

■ 218.0170, 0.9776,
13.1401

■ 225.4360, 2.2501,
25.0506

■ 226.7610, 6.0338,
24.7656

■ 227.7870, 9.9650,
23.8658

Harmonies

Analogous

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



181.8100, -25.5423, -20.8814



173.9590, -4.9098, -58.7230



159.4750, 22.4438, -105.6566

Triad

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



173.9590, -4.9098, -58.7230



186.9560, 33.5457, -26.2714



190.2340, -24.7654, 56.7998

Complementary

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



173.9590, -4.9098, -58.7230



143.0410, 4.9098, 58.7230

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.



189.7560, -6.2887, 57.2190



173.9590, -4.9098, -58.7230



195.6240, 27.3004, 16.9928

Square

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



173.9590, -4.9098, -58.7230



172.7600, 40.5443, -77.8425



195.7670, 10.4679, 49.3163



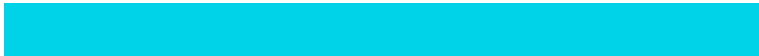
190.0460, -36.5047, 42.0557

Rectangle

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



173.9590, -4.9098, -58.7230



150.1910, 39.8388, -131.7175



195.7670, 10.4679, 49.3163



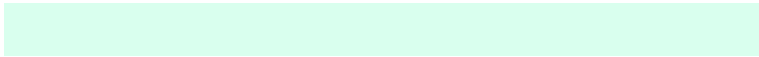
189.1400, -18.8030, 57.7592

Sweetspot

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



173.9590, -4.9098, -58.7230



241.7000, -1.8241, -21.6619



181.2150, -36.5880, -24.7446



119.8690, -1.4144, -13.0401



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.



173.9590, -4.9098, -58.7230



202.5120, -7.1544, -85.5180



176.2680, 16.6299, -60.7480



101.1410, -0.5625, -6.2627



109.2180, -7.9955, -95.7842



26.6890, -1.8187, -23.4063

Inverse Universe

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



143.0410, 4.9098, 58.7230



157.4880, 7.1544, 85.5180



140.7320, -16.6299, 60.7480



97.8590, 0.5625, 6.2627



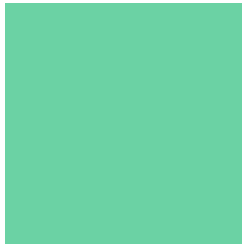
58.7820, 7.9955, 95.7842



14.3110, 1.8187, 23.4063

Previews

White Background



This preview shows how the YUV color 173.9590, -4.9098, -58.7230 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 173.9590, -4.9098, -58.7230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

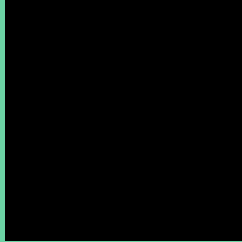
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 173.9590, -4.9098, -58.7230

Background



This preview shows how black text looks on a background with the YUV color 173.9590, -4.9098, -58.7230.



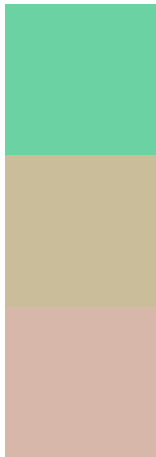
This preview shows how white text looks on a background with the YUV color 173.9590, -4.9098, -58.7230.

-58.7230.

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

173.9590, -4.9098, -58.7230

Protanopia

188.5980, -17.0568, 10.8766

Deuteranopia

191.0860, -10.3954, 20.9726



Tritanopia

180.6050, 18.9287, -51.3966

Trichromacy



Original Color

173.9590, -4.9098, -58.7230



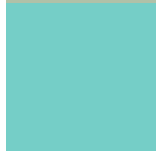
Protanomaly

183.5840, -12.6129, -14.5442



Deuteranomaly

185.0670, -8.4140, -7.9518



Tritanomaly

178.5910, 10.0616, -54.0153

Monochromacy



Original Color

173.9590, -4.9098, -58.7230



Achromatopsia

174.0000, 0.0000, 0.0000



Achromatomaly

173.9990, -1.9715, -21.0471

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.9590, -4.9098, -58.7230 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(107, 210, 164)` looks like.

```
.text, #text, p{  
    color:rgb(107, 210, 164)  
}
```

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(107, 210, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 210, 164) }
```

Border

The CSS property to change the border of an element to YUV 173.9590, -4.9098, -58.7230 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(107, 210, 164) }
```


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

```
.border{ border-color:rgb(107, 210, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 210, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 210, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 210, 164);  
box-shadow:4px 4px 4px 4px rgb(107, 210,  
164) }
```

Background

The CSS property to change the background color of an element to YUV 173.9590, -4.9098, -58.7230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 210, 164) }
```

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

```
.background{ background-color: rgb(107,  
210, 164) }
```

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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