

Converting Colors

YUV(174.0560, -1.9996,
-58.8081)

Have a look what the booklet for
YUV(174.0560, -1.9996, -58.8081)
contains.

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Color

**YUV(174.0560, -1.9996,
-58.8081)**

Conversions

Conversions Part 1

Format	Color
Hex	6BD1AA
RGB	107, 209, 170
RGB Percent	42%, 82%, 67%
CMY	0.5804, 0.1804, 0.3333
CMYK	0.49, 0.00, 0.19, 0.18
HSL	157°, 53%, 62%
HSV	157°, 49%, 82%
XYZ	36.1196, 51.6290, 46.0919
YIQ	174.0560, -48.2730, -33.7530

Conversions

Conversions Part 2

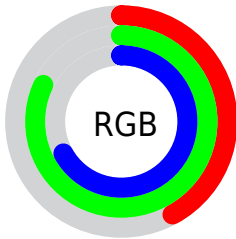
Format	Color
RYB	107, 170, 209
Decimal	7066026
CIELab	77.06, -38.95, 10.28
CIELCh	77, 40.283, 165.222
Yxy	51.6290, 0.2699, 0.3858
Android (android.graphics.Color)	4285256106 (0xFF6BD1AA)
YUV	174.0560, -1.9996, -58.8081
Hunter-Lab	71.8533, -36.0141, 12.2644

Details

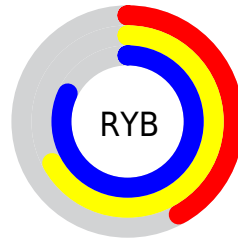
The YUV color **174.0560, -1.9996, -58.8081** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **141.9440, 1.9996, 58.8081**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.3710, 0.3101, -52.9454**, and **117.9030, 0.0478, -62.1819** is the 20% darker color. If you saturate the color by 10%, you get **166.8650, -2.3984, -70.9186**, and if you desaturate by 10%, it is **181.2470, -1.6008, -46.6976**.

Distribution



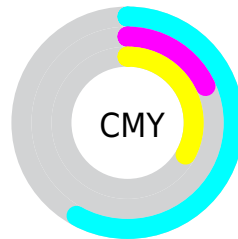
- Red (42%)
- Green (82%)
- Blue (67%)



- Red (42%)
- Yellow (67%)
- Blue (82%)



- Cyan (49%)
- Magenta (0%)
- Yellow (19%)
- Black (18%)



- Cyan (58%)
- Magenta (18%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 174.0560, -1.9996, -58.8081 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 174.0560, -1.9996, -58.8081 by changing the saturation by 10% instead.

■ 174.0560, -1.9996,
-58.8081

■ 174.0560, -1.9996,
-58.8081

255.0000, 0.0000,
0.0000

■ 145.9850, -0.9786,
-59.6228

■ 224.3710, 0.3101,
-52.9454

■ 117.9030, 0.0478,
-62.1819

■ 236.3480, 8.7024,
-38.0162

■ 85.1510, 3.8696,
-74.6774

■ 245.1330, 4.8644,
-20.2876

■ 67.8540, 1.0580,
-59.5080

■ 254.1030, 0.4422,
-1.8443

■ 50.5570, -1.7536,
-44.3385

■ 34.0750, -3.9810,
-29.8838

■ 18.7840, -9.2605,

-16.4736

■ 0.0000, 0.0000,
0.0000

■ 174.0560, -1.9996,
-58.8081

■ 174.0560, -1.9996,
-58.8081

■ 166.8650, -2.3984,
-70.9186

■ 181.2470, -1.6008,
-46.6976

■ 159.6740, -2.7973,
-83.0291

■ 188.4380, -1.2019,
-34.5871

■ 152.4830, -3.1961,
-95.1396

■ 195.6290, -0.8031,
-22.4766


■ 145.2920, -3.5950,
-107.2501

■ 202.8200, -0.4043,
-10.3661

■ 138.4000, -4.1412,
-118.7458


■ 209.7120, 0.1420,
1.1296

 137.3890, -4.1358,
-120.4902

 216.9030, 0.5408,
13.2401

 224.0940, 0.9397,
25.3506

 225.6040, 4.1392,
25.7803

 226.5160, 7.6336,
24.9805

Harmonies

Analogous

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



181.2980, -22.3319, -23.9403



174.0560, -1.9996, -58.8081



163.5410, 22.4113, -95.1905

Triad

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



174.0560, -1.9996, -58.8081



188.7720, 32.6504, -19.0940



191.2940, -25.7809, 55.8702

Complementary

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



174.0560, -1.9996, -58.8081



141.9440, 1.9996, 58.8081

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.



190.9470, -9.3409, 56.1745



174.0560, -1.9996, -58.8081



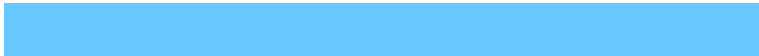
195.0220, 23.6532, 20.1517

Square

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



174.0560, -1.9996, -58.8081



176.9790, 38.4644, -64.0026



194.6700, 7.5577, 49.4014



189.3550, -35.1780, 36.5227

Rectangle

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



174.0560, -1.9996, -58.8081



159.2970, 35.8426, -109.8855



194.6700, 7.5577, 49.4014



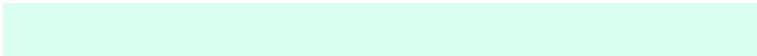
190.6730, -20.5448, 56.4148

Sweetspot

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



174.0560, -1.9996, -58.8081



241.9280, -0.9505, -21.8619



178.5350, -35.2668, -28.5332



120.0970, -0.5408, -13.2401



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.



174.0560, -1.9996, -58.8081



203.5380, -3.2232, -86.4178



171.4580, 18.5082, -56.5297



101.2550, -0.1257, -6.3626



110.4720, -3.1907, -96.8839



26.9170, -0.9451, -23.6062

Inverse Universe

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



141.9440, 1.9996, 58.8081



156.3480, 2.7864, 86.5178



144.5420, -18.5082, 56.5297



97.7450, 0.1257, 6.3626



57.5280, 3.1907, 96.8839



14.0830, 0.9451, 23.6062

Previews

White Background



This preview shows how the YUV color 174.0560, -1.9996, -58.8081 looks on a white background.

Color Contrast Check

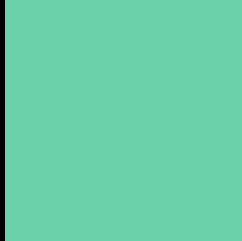
Large Text (above 18pt) WCAG AA × Fail

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 174.0560, -1.9996, -58.8081 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

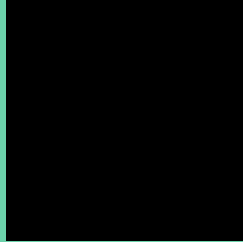
Any Text WCAG AA ✓ Pass

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 174.0560, -1.9996, -58.8081 Background



This preview shows how black text looks on a background with the YUV color 174.0560, -1.9996, -58.8081.



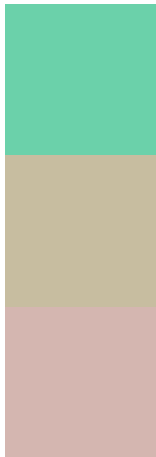
This preview shows how white text looks on a background with the YUV color 174.0560, -1.9996, -58.8081.

-58.8081.

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

174.0560, -1.9996, -58.8081

Protanopia

188.6840, -14.1412, 9.0471

Deuteranopia

190.2860, -7.0430, 19.0432



Tritanopia

179.7190, 19.3655, -51.4966

Trichromacy



Original Color

174.0560, -1.9996, -58.8081



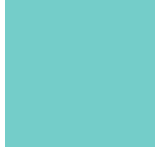
Protanomaly

183.3820, -9.5553, -15.2440



Deuteranomaly

184.5660, -5.2090, -9.2664



Tritanomaly

177.9330, 11.3720, -54.3152

Monochromacy



Original Color

174.0560, -1.9996, -58.8081



Achromatopsia

174.0000, 0.0000, 0.0000



Achromatomaly

174.3410, -0.6611, -21.3471

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.0560, -1.9996, -58.8081 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, 209, 170)` looks like.

```
.text, #text, p{  
    color:rgb(107, 209, 170)  
}
```

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, 209, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 209, 170) }
```

Border

The CSS property to change the border of an element to YUV 174.0560, -1.9996, -58.8081 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, 209, 170) }
```


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

```
.border{ border-color:rgb(107, 209, 170) }
```

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

Here you see how a box with a 4 pixel rgb(107, 209, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 209, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 209, 170);  
box-shadow:4px 4px 4px 4px rgb(107, 209,  
170) }
```

Background

The CSS property to change the background color of an element to YUV 174.0560, -1.9996, -58.8081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 209, 170) }
```

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

```
.background{ background-color: rgb(107,  
209, 170) }
```

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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