

Converting Colors

YUV(164.8950, 5.4748,
-76.2069)

Have a look what the booklet for
YUV(164.8950, 5.4748, -76.2069)
contains.

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Color

**YUV(164.8950, 5.4748,
-76.2069)**

Conversions

Conversions Part 1

Format	Color
Hex	4ECFB0
RGB	78, 207, 176
RGB Percent	31%, 81%, 69%
CMY	0.6941, 0.1882, 0.3098
CMYK	0.62, 0.00, 0.15, 0.19
HSL	166°, 57%, 56%
HSV	166°, 62%, 81%
XYZ	33.2912, 49.3799, 48.8509
YIQ	164.8950, -66.9330, -36.9890

Conversions

Conversions Part 2

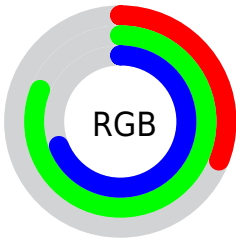
Format	Color
RYB	78, 151, 207
Decimal	5164976
CIELab	75.69, -42.75, 4.97
CIELCh	76, 43.039, 173.366
Yxy	49.3799, 0.2531, 0.3754
Android (android.graphics.Color)	4283355056 (0xFF4ECFB0)
YUV	164.8950, 5.4748, -76.2069
Hunter-Lab	70.2709, -38.4087, 7.9723

Details

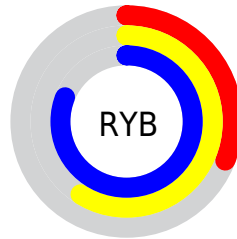
The YUV color **164.8950, 5.4748, -76.2069** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **120.1050, -5.4748, 76.2069**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.6940, 7.0529, -69.0146**, and **103.3600, 10.1755, -90.6467** is the 20% darker color. If you saturate the color by 10%, you get **158.0460, 6.3863, -88.6173**, and if you desaturate by 10%, it is **171.7440, 4.5632, -63.7965**.

Distribution



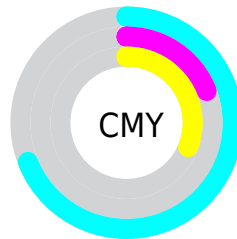
- Red (31%)
- Green (81%)
- Blue (69%)



- Red (31%)
- Yellow (59%)
- Blue (81%)



- Cyan (62%)
- Magenta (0%)
- Yellow (15%)
- Black (19%)



- Cyan (69%)
- Magenta (19%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.8950, 5.4748, -76.2069 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 164.8950, 5.4748, -76.2069 by changing the saturation by 10% instead.

■ 164.8950, 5.4748,
-76.2069

■ 164.8950, 5.4748,
-76.2069

■ 255.0000, 0.0000,
0.0000

■ 134.3180, 7.2382,
-81.8399

■ 217.6940, 7.0529,
-69.0146

■ 103.3600, 10.1755,
-90.6467

■ 229.2860, 12.6770,
-52.8708

■ 84.6610, 7.0691,
-74.2477

■ 238.2560, 8.2548,
-34.4275

■ 67.2500, 3.8207,
-58.9783

■ 247.2260, 3.8326,
-15.9842

■ 49.9530, 1.0092,
-43.8088

■ 33.4710, -1.2182,
-29.3541

■ 17.9350, -4.8980,

-15.7290

■ 0.0000, 0.0000,
0.0000

■ 164.8950, 5.4748,
-76.2069

■ 164.8950, 5.4748,
-76.2069

■ 158.0460, 6.3863,
-88.6173

■ 171.7440, 4.5632,
-63.7965

■ 151.4960, 7.1505,
-100.4130

■ 178.2940, 3.7991,
-52.0008

■ 144.6470, 8.0620,
-112.8234

■ 185.1430, 2.8875,
-39.5904

■ 139.4070, 8.6733,
-122.2599

■ 191.9920, 1.9759,
-27.1800

■ 198.8410, 1.0644,
-14.7696

■ 205.3910, 0.3002,
-2.9739

■ 212.2400, -0.6113,
9.4365

■ 219.0890, -1.5229,
21.8469

■ 222.9480, -0.9604,
28.1096

Harmonies

Analogous

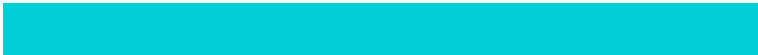
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



174.3720, -17.9314, -35.4062



164.8950, 5.4748, -76.2069



146.2470, 34.8812, -128.2586

Triad

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



164.8950, 5.4748, -76.2069



187.3650, 33.3441, -8.2131



186.6160, -30.8697, 54.7108

Complementary

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



164.8950, 5.4748, -76.2069



120.1050, -5.4748, 76.2069

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.



186.3020, -14.4459, 60.2481



164.8950, 5.4748, -76.2069



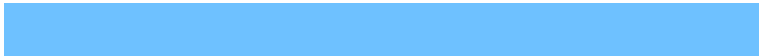
191.7030, 20.8524, 31.8325

Square

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



164.8950, 5.4748, -76.2069



175.2510, 39.3163, -57.2251



190.2750, 3.3154, 56.7638



184.2250, -38.0719, 31.3747

Rectangle

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



164.8950, 5.4748, -76.2069



147.6950, 45.5064, -129.5285



190.2750, 3.3154, 56.7638



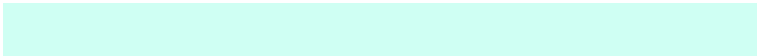
187.2020, -26.2286, 59.4588

Sweetspot

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



164.8950, 5.4748, -76.2069



239.2800, 1.8340, -28.3096



163.2910, -42.0485, -46.7362



118.1180, 0.9278, -17.6435



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.



164.8950, 5.4748, -76.2069



192.6470, 8.0620, -112.8234



149.6450, 28.2760, -62.8327



101.3690, 0.3111, -6.4626



113.2080, 7.2925, -99.2834



27.6010, 1.6757, -24.2061

Inverse Universe

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



120.1050, -5.4748, 76.2069



126.3530, -8.0620, 112.8234



135.3550, -28.2760, 62.8327



97.6310, -0.3111, 6.4626



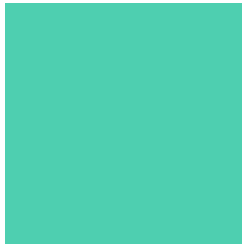
54.7920, -7.2925, 99.2834



13.3990, -1.6757, 24.2061

Previews

White Background



This preview shows how the YUV color 164.8950, 5.4748, -76.2069 looks on a white background.

Color Contrast Check

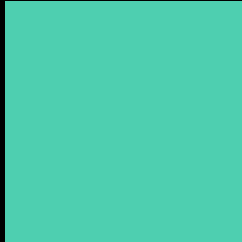
Large Text (above 18pt) WCAG AA × Fail

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 164.8950, 5.4748, -76.2069 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

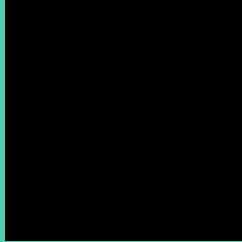
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

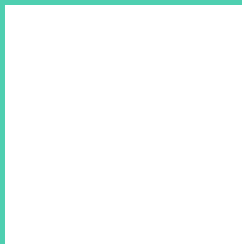
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 164.8950, 5.4748, -76.2069

Background



This preview shows how black text looks on a background with the YUV color 164.8950, 5.4748, -76.2069.



This preview shows how white text looks on a background with the YUV color 164.8950, 5.4748,

-76.2069.

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

164.8950, 5.4748, -76.2069

Protanopia

184.9980, -10.3520, 7.0178

Deuteranopia

186.8170, -2.3748, 15.0695



Tritanopia

170.8310, 22.7613, -67.3808

Trichromacy



Original Color

164.8950, 5.4748, -76.2069



Protanomaly

177.5920, -4.7289, -23.3212



Deuteranomaly

178.7050, 0.6384, -18.1583



Tritanomaly

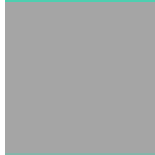
168.5010, 16.5150, -70.5994

Monochromacy



Original Color

164.8950, 5.4748, -76.2069



Achromatopsia

165.0000, 0.0000, 0.0000



Achromatomaly

164.6930, 2.1234, -27.7948

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.8950, 5.4748, -76.2069 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(78, 207, 176)` looks like.

```
.text, #text, p{  
    color:rgb(78, 207, 176)  
}
```

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(78, 207, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 207, 176) }
```

Border

The CSS property to change the border of an element to YUV 164.8950, 5.4748, -76.2069 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(78, 207, 176) }
```


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

```
.border{ border-color:rgb(78, 207, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 207, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 207, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 207, 176);  
box-shadow:4px 4px 4px 4px rgb(78, 207,  
176) }
```

Background

The CSS property to change the background color of an element to YUV 164.8950, 5.4748, -76.2069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 207, 176) }
```

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

```
.background{ background-color: rgb(78, 207,  
176) }
```

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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