

Converting Colors

YUV(172.5180, 14.0416,
-70.6143)

Have a look what the booklet for
YUV(172.5180, 14.0416, -70.6143)
contains.

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Color

**YUV(172.5180, 14.0416,
-70.6143)**

Conversions

Conversions Part 1

Format	Color
Hex	5CD0C9
RGB	92, 208, 201
RGB Percent	36%, 82%, 79%
CMY	0.6392, 0.1843, 0.2118
CMYK	0.56, 0.00, 0.03, 0.18
HSL	176°, 55%, 59%
HSV	176°, 56%, 82%
XYZ	37.5121, 51.6041, 63.2418
YIQ	172.5180, -66.8890, -26.7690

Conversions

Conversions Part 2

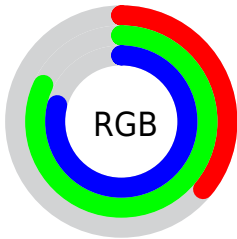
Format	Color
RYB	92, 152, 208
Decimal	6082761
CIELab	77.04, -34.29, -6.45
CIELCh	77, 34.892, 190.653
Yxy	51.6041, 0.2462, 0.3387
Android (android.graphics.Color)	4284272841 (0xFF5CD0C9)
YUV	172.5180, 14.0416, -70.6143
Hunter-Lab	71.8360, -32.5019, -1.9116

Details

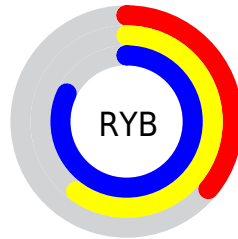
The YUV color **172.5180, 14.0416, -70.6143** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **127.4820, -14.0416, 70.6143**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.2030, 15.1829, -63.3220**, and **109.2600, 18.6058, -87.9280** is the 20% darker color. If you saturate the color by 10%, you get **166.1250, 16.7004, -83.4246**, and if you desaturate by 10%, it is **178.9110, 11.3829, -57.8039**.

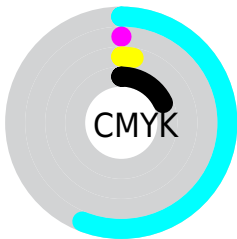
Distribution



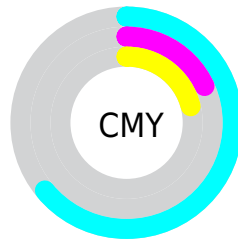
- Red (36%)
- Green (82%)
- Blue (79%)



- Red (36%)
- Yellow (60%)
- Blue (82%)



- Cyan (56%)
- Magenta (0%)
- Yellow (3%)
- Black (18%)



- Cyan (64%)
- Magenta (18%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.5180, 14.0416, -70.6143 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 172.5180, 14.0416, -70.6143 by changing the saturation by 10% instead.

■ 172.5180, 14.0416,
-70.6143

■ 172.5180, 14.0416,
-70.6143

255.0000, 0.0000,
0.0000

■ 143.1370, 15.2155,
-73.7881

■ 224.2030, 15.1829,
-63.3220

■ 109.2600, 18.6058,
-87.9280

■ 232.8740, 10.9081,
-45.4935

■ 88.3430, 16.0999,
-77.4768

■ 241.8440, 6.4859,
-27.0502

■ 70.3450, 13.1409,
-61.6926

■ 250.8140, 2.0637,
-8.6069

■ 53.5210, 9.6031,
-46.9379

■ 36.9250, 6.9390,
-32.3832

■ 22.6770, 3.1172,

-19.8877

■ 0.3420, 1.3104,
-0.2999

■ 0.0000, 0.0000,
0.0000

■ 172.5180, 14.0416,
-70.6143

■ 172.5180, 14.0416,
-70.6143

■ 166.1250, 16.7004,
-83.4246

■ 178.9110, 11.3829,
-57.8039

■ 159.6180, 18.9223,
-96.1350

■ 185.4180, 9.1609,
-45.0936

■ 153.5240, 21.4337,
-108.3305

■ 191.5120, 6.6496,
-32.8980

■ 147.1310, 24.0924,
-121.1409

■ 197.9050, 3.9908,
-20.0877

■ 144.3260, 24.9823,
-126.5739

■ 204.2980, 1.3321,
-7.2773

■ 210.8050, -0.8899,
5.4330

■ 217.1980, -3.5486,
18.2434

■ 222.3950, -5.6177,
28.5946

■ 222.5090, -5.1809,
28.4946

Harmonies

Analogous

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



178.0470, -4.9532, -44.7682



172.5180, 14.0416, -70.6143



171.7740, 29.1984, -78.7318

Triad

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



172.5180, 14.0416, -70.6143



194.2230, 22.0751, 12.9594



190.1360, -29.6470, 35.8377

Complementary

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



172.5180, 14.0416, -70.6143



127.4820, -14.0416, 70.6143

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.



192.2270, -20.8179, 50.6669



172.5180, 14.0416, -70.6143



195.1310, 8.3164, 39.3501

Square

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



172.5180, 14.0416, -70.6143



188.8210, 31.6402, -21.7680



193.9080, -6.8566, 52.7007



187.1670, -30.1553, 12.1315

Rectangle

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



172.5180, 14.0416, -70.6143



176.8170, 34.1072, -66.4915



193.9080, -6.8566, 52.7007



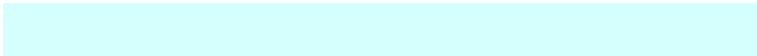
190.7500, -27.4847, 42.3152

Sweetspot

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



172.5180, 14.0416, -70.6143



241.8010, 5.0281, -26.1355



162.4840, -34.7486, -54.7985



119.9980, 2.9590, -15.7842



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.



172.5180, 14.0416, -70.6143



202.7310, 20.8386, -104.1271



143.9660, 31.5688, -45.5742



101.5970, 1.1847, -6.6626



116.6280, 20.3964, -102.2828



28.3990, 4.7333, -24.9059

Inverse Universe

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



127.4820, -14.0416, 70.6143



136.2690, -20.8386, 104.1271



156.0340, -31.5688, 45.5742



97.4030, -1.1847, 6.6626



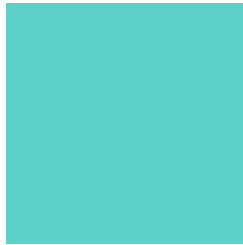
51.3720, -20.3964, 102.2828



12.4870, -5.1701, 25.0059

Previews

White Background



This preview shows how the YUV color 172.5180, 14.0416, -70.6143 looks on a white background.

Color Contrast Check

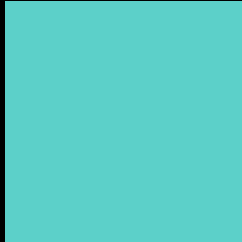
Large Text (above 18pt) WCAG AA × Fail

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 172.5180, 14.0416, -70.6143 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

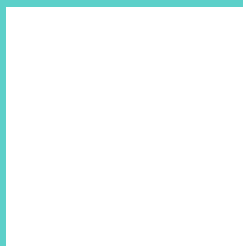
Any Text WCAG AAA ✓ Pass

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

YUV 172.5180, 14.0416, -70.6143 Background



This preview shows how black text looks on a background with the YUV color 172.5180, 14.0416, -70.6143.



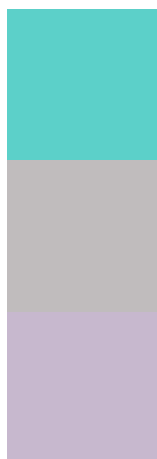
This preview shows how white text looks on a background with the YUV color 172.5180, 14.0416, -70.6143.

-70.6143.

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

172.5180, 14.0416, -70.6143

Protanopia

189.3100, -0.1528, 2.3591

Deuteranopia

190.9930, 7.3985, 7.0221



Tritanopia

175.4290, 22.4665, -66.1512

Trichromacy



Original Color

172.5180, 14.0416, -70.6143



Protanomaly

183.1110, 4.8753, -23.7763



Deuteranomaly

184.3870, 9.6692, -21.3874



Tritanomaly

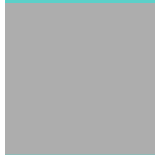
174.3210, 19.5617, -67.8105

Monochromacy



Original Color

172.5180, 14.0416, -70.6143



Achromatopsia

173.0000, 0.0000, 0.0000



Achromatomaly

173.1000, 4.8807, -25.5207

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.5180, 14.0416, -70.6143 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(92, 208, 201)` looks like.

```
.text, #text, p{  
    color:rgb(92, 208, 201)  
}
```

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(92, 208, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 208, 201) }
```

Border

The CSS property to change the border of an element to YUV 172.5180, 14.0416, -70.6143 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(92, 208, 201) }
```


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

```
.border{ border-color:rgb(92, 208, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 208, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 208, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 208, 201);  
box-shadow:4px 4px 4px 4px rgb(92, 208,  
201) }
```

Background

The CSS property to change the background color of an element to YUV 172.5180, 14.0416, -70.6143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 208, 201) }
```

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

```
.background{ background-color: rgb(92, 208,  
201) }
```

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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