

Converting Colors

YUV(176.2740, 14.1619,
-62.5073)

Have a look what the booklet for
YUV(176.2740, 14.1619, -62.5073)
contains.

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Color

**YUV(176.2740, 14.1619,
-62.5073)**

Conversions

Conversions Part 1

Format	Color
Hex	69CFCD
RGB	105, 207, 205
RGB Percent	41%, 81%, 80%
CMY	0.5882, 0.1882, 0.1961
CMYK	0.49, 0.00, 0.01, 0.19
HSL	179°, 52%, 61%
HSV	179°, 49%, 81%
XYZ	39.1580, 52.0367, 65.7379
YIQ	176.2740, -60.1500, -22.2460

Conversions

Conversions Part 2

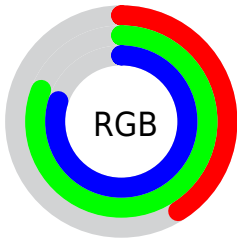
Format	Color
RYB	105, 157, 207
Decimal	6934477
CIELab	77.30, -30.12, -8.17
CIELCh	77, 31.209, 195.176
Yxy	52.0367, 0.2495, 0.3316
Android (android.graphics.Color)	4285124557 (0xFF69CFCD)
YUV	176.2740, 14.1619, -62.5073
Hunter-Lab	72.1365, -29.3433, -3.5354

Details

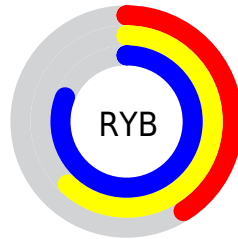
The YUV color **176.2740, 14.1619, -62.5073** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **135.7260, -14.1619, 62.5073**, and the grayscale version is **176.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.4920, 13.5614, -56.5595**, and **118.6970, 15.9254, -68.1403** is the 20% darker color. If you saturate the color by 10%, you get **169.9950, 17.2575, -75.4176**, and if you desaturate by 10%, it is **182.5530, 11.0664, -49.5970**.

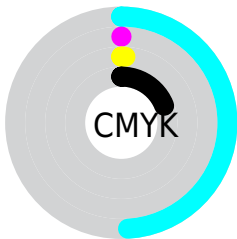
Distribution



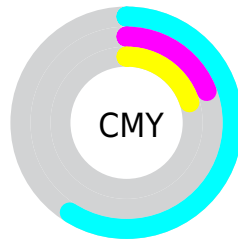
- Red (41%)
- Green (81%)
- Blue (80%)



- Red (41%)
- Yellow (62%)
- Blue (81%)



- Cyan (49%)
- Magenta (0%)
- Yellow (1%)
- Black (19%)



- Cyan (59%)
- Magenta (19%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 176.2740, 14.1619, -62.5073 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 176.2740, 14.1619, -62.5073 by changing the saturation by 10% instead.

■ 176.2740, 14.1619,
-62.5073

■ 176.2740, 14.1619,
-62.5073

■ 255.0000, 0.0000,
0.0000

■ 147.7900, 14.8935,
-63.8368

■ 227.4920, 13.5614,
-56.5595

■ 118.6970, 15.9254,
-68.1403

■ 236.1630, 9.2866,
-38.7310

■ 88.2120, 18.1365,
-77.3619

■ 245.1330, 4.8644,
-20.2876

■ 70.6870, 14.4513,
-61.9925

■ 254.1030, 0.4422,
-1.8443

■ 53.2760, 11.2029,
-46.7231

■ 37.2670, 8.2494,
-32.6832

■ 23.0190, 4.4276,

-20.1877

■ 1.0260, 3.9312,
-0.8998

■ 0.0000, 0.0000,
0.0000

■ 176.2740, 14.1619,
-62.5073

■ 176.2740, 14.1619,
-62.5073

■ 169.9950, 17.2575,
-75.4176

■ 182.5530, 11.0664,
-49.5970

■ 163.9010, 19.7688,
-87.6132

■ 188.6470, 8.5550,
-37.4014

■ 157.6220, 22.8644,
-100.5235

■ 194.9260, 5.4595,
-24.4911

■ 151.2290, 25.5231,
-113.3338

■ 201.3190, 2.8007,
-11.6808

■ 144.9500, 28.6187,
-126.2441

■ 207.5980, -0.2948,
1.2296

■ 144.6510, 28.7661,
-126.8589

■ 213.5780, -3.2430,
13.5251

■ 219.9710, -5.9017,
26.3354

■ 221.4660, -6.6387,
29.4093

■ 221.5800, -6.2019,
29.3093

Harmonies

Analogous

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



180.0410, -2.4852, -43.0090



176.2740, 14.1619, -62.5073



177.1780, 26.5342, -64.1771

Triad

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



176.2740, 14.1619, -62.5073



194.6210, 18.4278, 16.1184



190.4880, -26.8626, 29.3900

Complementary

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



176.2740, 14.1619, -62.5073



135.7260, -14.1619, 62.5073

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.



192.5960, -20.5068, 44.2043



176.2740, 14.1619, -62.5073



195.4360, 5.7011, 38.2056

Square

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



176.2740, 14.1619, -62.5073



191.3120, 26.9612, -14.3056



194.4190, -8.5876, 47.8675



188.1710, -26.2133, 7.7430

Rectangle

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



176.2740, 14.1619, -62.5073



181.2810, 30.4275, -52.8664



194.4190, -8.5876, 47.8675



191.4610, -25.8633, 35.5527

Sweetspot

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



176.2740, 14.1619, -62.5073



243.5240, 5.1647, -23.2615



165.7710, -29.9601, -50.6652



121.0090, 2.9536, -14.0399



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.



176.2740, 14.1619, -62.5073



209.8080, 20.8007, -91.9166



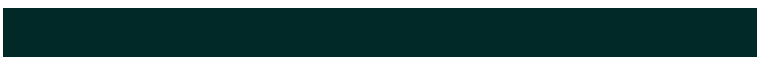
148.3260, 28.9263, -37.9969



101.5970, 1.1847, -6.6626



117.4260, 23.4540, -102.9826



28.6270, 5.6069, -25.1059

Inverse Universe

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



135.7260, -14.1619, 62.5073



150.0780, -21.2375, 92.0166



163.6740, -28.9263, 37.9969



97.2890, -1.6215, 6.7625



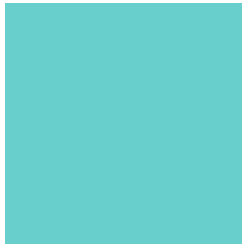
50.5740, -23.4540, 102.9826



12.3730, -5.6069, 25.1059

Previews

White Background



This preview shows how the YUV color 176.2740, 14.1619, -62.5073 looks on a white background.

Color Contrast Check

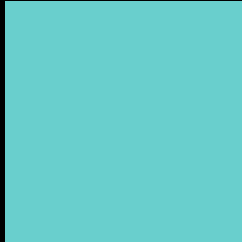
Large Text (above 18pt) WCAG AA × Fail

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 176.2740, 14.1619, -62.5073 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

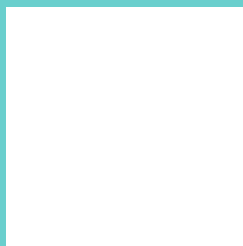
Any Text WCAG AAA ✓ Pass

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

YUV 176.2740, 14.1619, -62.5073 Background



This preview shows how black text looks on a background with the YUV color 176.2740, 14.1619, -62.5073.



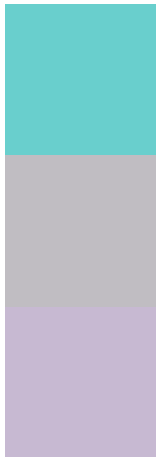
This preview shows how white text looks on a background with the YUV color 176.2740, 14.1619, -62.5073.

-62.5073.

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

176.2740, 14.1619, -62.5073

Protanopia

190.4670, 1.7418, 1.3444

Deuteranopia

192.0360, 8.8563, 6.1074



Tritanopia

178.4190, 20.9924, -60.0035

Trichromacy



Original Color

176.2740, 14.1619, -62.5073

Protanomaly

185.4640, 6.1802, -22.3319

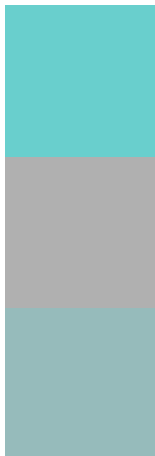
Deuteranomaly

186.3380, 10.6794, -18.7134

Tritanomaly

177.7240, 18.3771, -61.1479

Monochromacy



Original Color

176.2740, 14.1619, -62.5073

Achromatopsia

176.0000, 0.0000, 0.0000

Achromatomaly

175.9370, 5.4541, -22.7467

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.2740, 14.1619, -62.5073 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(105, 207, 205)` looks like.

```
.text, #text, p{  
    color:rgb(105, 207, 205)  
}
```

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(105, 207, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 207, 205) }
```

Border

The CSS property to change the border of an element to YUV 176.2740, 14.1619, -62.5073 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(105, 207, 205) }
```


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

```
.border{ border-color:rgb(105, 207, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 207, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 207, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 207, 205);  
box-shadow:4px 4px 4px 4px rgb(105, 207,  
205) }
```

Background

The CSS property to change the background color of an element to YUV 176.2740, 14.1619, -62.5073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 207, 205) }
```

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

```
.background{ background-color: rgb(105,  
207, 205) }
```

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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