

Converting Colors

YUV(181.7080, 15.9200,
-66.3959)

Have a look what the booklet for
YUV(181.7080, 15.9200, -66.3959)
contains.

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Color

**YUV(181.7080, 15.9200,
-66.3959)**

Conversions

Conversions Part 1

Format	Color
Hex	6AD6D6
RGB	106, 214, 214
RGB Percent	42%, 84%, 84%
CMY	0.5843, 0.1608, 0.1608
CMYK	0.50, 0.00, 0.00, 0.16
HSL	180°, 57%, 63%
HSV	180°, 50%, 84%
XYZ	42.1280, 56.0123, 72.2094
YIQ	181.7080, -64.3680, -22.8960

Conversions

Conversions Part 2

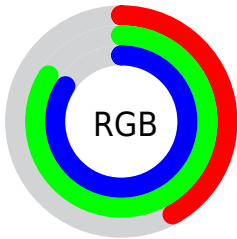
Format	Color
RYB	106, 160, 214
Decimal	7001814
CIELab	79.62, -30.93, -9.55
CIElCh	80, 32.374, 197.153
Yxy	56.0123, 0.2473, 0.3288
Android (android.graphics.Color)	4285191894 (0xFF6AD6D6)
YUV	181.7080, 15.9200, -66.3959
Hunter-Lab	74.8414, -30.4953, -4.8159

Details

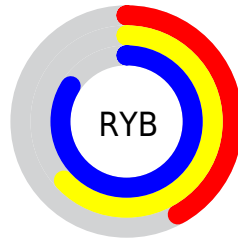
The YUV color **181.7080, 15.9200, -66.3959** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **138.2920, -15.9200, 66.3959**, and the grayscale version is **182.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.0900, 13.2666, -55.3299**, and **123.4190, 17.5414, -73.1585** is the 20% darker color. If you saturate the color by 10%, you get **175.4290, 19.0155, -79.3062**, and if you desaturate by 10%, it is **187.9870, 12.8244, -53.4856**.

Distribution



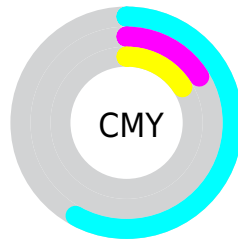
- Red (42%)
- Green (84%)
- Blue (84%)



- Red (42%)
- Yellow (63%)
- Blue (84%)



- Cyan (50%)
- Magenta (0%)
- Yellow (0%)
- Black (16%)



- Cyan (58%)
- Magenta (16%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 181.7080, 15.9200, -66.3959 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 181.7080, 15.9200, -66.3959 by changing the saturation by 10% instead.

181.7080, 15.9200,
-66.3959

181.7080, 15.9200,
-66.3959

255.0000, 0.0000,
0.0000

152.8110, 16.3622,
-68.2402

228.0900, 13.2666,
-55.3299

123.4190, 17.5414,
-73.1585

236.7610, 8.9918,
-37.5014

92.6460, 19.8945,
-81.2505

245.7310, 4.5696,
-19.0581

75.1210, 16.2093,
-65.8811

254.7010, 0.1474,
-0.6148

57.7100, 12.9610,
-50.6117

41.0000, 9.8600,
-35.9570

26.1650, 6.3277,

-22.9467

■ 2.7530, 8.0098,
-2.4144

■ 0.0000, 0.0000,
0.0000

■ 181.7080, 15.9200,
-66.3959

■ 181.7080, 15.9200,
-66.3959

■ 175.4290, 19.0155,
-79.3062

■ 187.9870, 12.8244,
-53.4856

■ 168.8510, 22.2585,
-92.8313

■ 194.5650, 9.5815,
-39.9605

■ 162.5720, 25.3540,
-105.7416

■ 200.8440, 6.4859,
-27.0502

■ 155.9940, 28.5970,
-119.2667

■ 207.4220, 3.2430,
-13.5251

■ 150.0140, 31.5451,
-131.5623

■ 213.7010, 0.1474,
-0.6148

■ 219.9800, -2.9481,
12.2955

■ 226.2590, -6.0437,
25.2059

Harmonies

Analogous

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



185.3610, -1.1640, -46.7976



181.7080, 15.9200, -66.3959



183.3240, 28.4343, -66.9361

Triad

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



181.7080, 15.9200, -66.3959



201.9310, 18.2750, 18.4775



197.0320, -28.6098, 29.7899

Complementary

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



181.7080, 15.9200, -66.3959



138.2920, -15.9200, 66.3959

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.



198.8520, -22.1120, 45.7338



181.7080, 15.9200, -66.3959



201.9310, 4.9640, 41.2795

Square

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



181.7080, 15.9200, -66.3959



197.9640, 28.1187, -12.2464



199.6040, -9.1718, 48.5823



193.9320, -27.0815, 6.1986

Rectangle

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



181.7080, 15.9200, -66.3959



187.9110, 31.5959, -54.2959



199.6040, -9.1718, 48.5823



198.0050, -27.6105, 35.9526

Sweetspot

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



181.7080, 15.9200, -66.3959



243.6380, 5.6015, -23.3615



169.3960, -31.2542, -55.5983



121.1230, 3.3904, -14.1399



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.



181.7080, 15.9200, -66.3959



208.3560, 22.9955, -95.9052



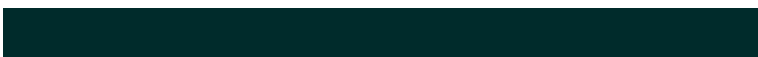
150.0100, 31.5471, -38.5968



103.7110, 1.6215, -6.7625



119.8710, 25.2066, -105.1269



30.1430, 6.3385, -26.4354

Inverse Universe

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



150.6040, 31.2542, 55.5983



163.4280, 45.1450, 80.3086



169.9900, -31.5471, 38.5968



100.5430, 3.1833, 5.6628



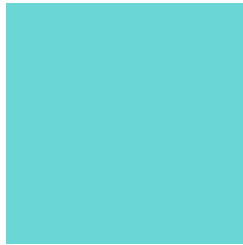
70.6230, 49.4859, 88.0306



17.7590, 12.4438, 22.1364

Previews

White Background



This preview shows how the YUV color 181.7080, 15.9200, -66.3959 looks on a white background.

Color Contrast Check

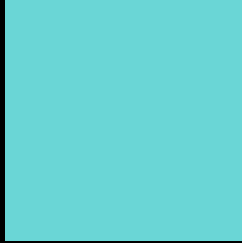
Large Text (above 18pt) WCAG AA × Fail

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 181.7080, 15.9200, -66.3959 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

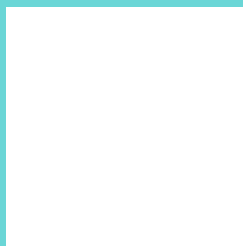
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 181.7080, 15.9200, -66.3959

Background



This preview shows how black text looks on a background with the YUV color 181.7080, 15.9200, -66.3959.



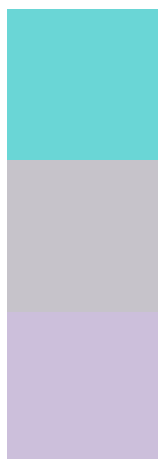
This preview shows how white text looks on a background with the YUV color 181.7080, 15.9200, -66.3959.

-66.3959.

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

181.7080, 15.9200, -66.3959

Protanopia

196.6950, 2.6154, 1.1445

Deuteranopia

198.0790, 10.3141, 5.1927



Tritanopia

183.7390, 22.3137, -63.7921

Trichromacy



Original Color

181.7080, 15.9200, -66.3959

Protanomaly

191.3930, 7.2013, -23.1467

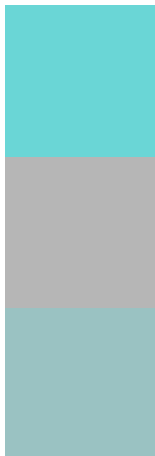
Deuteranomaly

191.7830, 12.4320, -20.8577

Tritanomaly

183.1580, 20.1351, -65.0366

Monochromacy



Original Color

181.7080, 15.9200, -66.3959

Achromatopsia

182.0000, 0.0000, 0.0000

Achromatomaly

182.0400, 5.8963, -24.5911

CSS Examples

Text

The CSS property to change the color of the text to YUV 181.7080, 15.9200, -66.3959 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(106, 214, 214)` looks like.

```
.text, #text, p{  
    color:rgb(106, 214, 214)  
}
```

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(106, 214, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 214, 214) }
```

Border

The CSS property to change the border of an element to YUV 181.7080, 15.9200, -66.3959 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(106, 214, 214) }
```


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

```
.border{ border-color:rgb(106, 214, 214) }
```

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

Here you see how a box with a 4 pixel rgb(106, 214, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 214, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 214, 214);  
box-shadow:4px 4px 4px 4px rgb(106, 214,  
214) }
```

Background

The CSS property to change the background color of an element to YUV 181.7080, 15.9200, -66.3959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 214, 214) }
```

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

```
.background{ background-color: rgb(106,  
214, 214) }
```

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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