

Converting Colors

YUV(175.5890, 16.4716,
-56.6446)

Have a look what the booklet for
YUV(175.5890, 16.4716, -56.6446)
contains.

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Color

**YUV(175.5890, 16.4716,
-56.6446)**

Conversions

Conversions Part 1

Format	Color
Hex	6FCAD1
RGB	111, 202, 209
RGB Percent	44%, 79%, 82%
CMY	0.5647, 0.2078, 0.1804
CMYK	0.47, 0.03, 0.00, 0.18
HSL	184°, 52%, 63%
HSV	184°, 47%, 82%
XYZ	39.1847, 50.2240, 67.9506
YIQ	175.5890, -56.4830, -17.1150

Conversions

Conversions Part 2

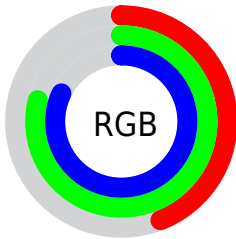
Format	Color
R _{YB}	111, 158, 209
Decimal	7326417
CIE Lab	76.21, -25.31, -11.94
CIE LCh	76, 27.984, 205.247
Yxy	50.2240, 0.2490, 0.3192
Android (android.graphics.Color)	4285516497 (0xFF6FCAD1)
YUV	175.5890, 16.4716, -56.6446
Hunter-Lab	70.8689, -25.3247, -7.2402

Details

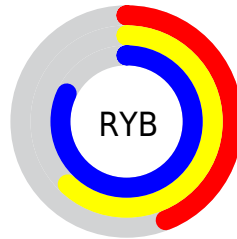
The YUV color **175.5890, 16.4716, -56.6446** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **144.4110, -16.4716, 56.6446**, and the grayscale version is **175.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.9870, 12.8244, -53.4856**, and **119.7950, 17.3561, -60.3332** is the 20% darker color. If you saturate the color by 10%, you get **168.7230, 19.8566, -69.0401**, and if you desaturate by 10%, it is **182.4550, 13.0867, -44.2490**.

Distribution



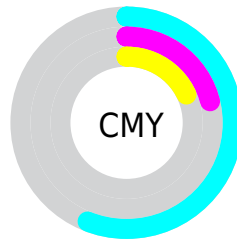
- Red (44%)
- Green (79%)
- Blue (82%)



- Red (44%)
- Yellow (62%)
- Blue (82%)



- Cyan (47%)
- Magenta (3%)
- Yellow (0%)
- Black (18%)



- Cyan (56%)
- Magenta (21%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 175.5890, 16.4716, -56.6446 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 175.5890, 16.4716, -56.6446 by changing the saturation by 10% instead.

■ 175.5890, 16.4716,
-56.6446

■ 175.5890, 16.4716,
-56.6446

■ 255.0000, 0.0000,
0.0000

■ 147.2900, 16.6190,
-57.2593

■ 228.9870, 12.8244,
-53.4856

■ 119.7950, 17.3561,
-60.3332

■ 237.6580, 8.5496,
-35.6571

■ 87.2170, 20.5990,
-73.8583

■ 246.6280, 4.1274,
-17.2138

■ 68.7950, 17.3561,
-60.3332

■ 51.3840, 14.1077,
-45.0638

■ 35.2610, 10.7173,
-30.9239

■ 21.6000, 6.6062,

-18.9432

■ 2.0690, 5.3890,
-1.8145

■ 0.0000, 0.0000,
0.0000

■ 175.5890, 16.4716,
-56.6446

■ 175.5890, 16.4716,
-56.6446

■ 168.7230, 19.8566,
-69.0401

■ 182.4550, 13.0867,
-44.2490

■ 161.2700, 23.5309,
-80.9208

■ 189.9080, 9.4124,
-32.3683

■ 154.4040, 26.9158,
-93.3163

■ 196.7740, 6.0274,
-19.9728

■ 146.9510, 30.5902,
-105.1970

■ 204.2270, 2.3531,
-8.0921

■ 140.0850, 33.9751,
-117.5925

■ 211.0930, -1.0318,
4.3034

■ 137.7040, 35.1489,
-120.7664

■ 218.2470, -4.5588,
15.5694

■ 224.5150, -7.6489,
26.7353

■ 225.6890, -8.2277,
25.7057

■ 226.2760, -8.5171,
25.1909

Harmonies

Analogous

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



177.4090, 2.7564, -44.2087



175.5890, 16.4716, -56.6446



178.3260, 25.4753, -51.1519

Triad

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



175.5890, 16.4716, -56.6446



191.8730, 12.8806, 22.0364



187.3020, -24.7989, 20.7831

Complementary

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



175.5890, 16.4716, -56.6446



144.4110, -16.4716, 56.6446

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.



189.0250, -21.2113, 36.8121



175.5890, 16.4716, -56.6446



191.7690, 0.6069, 38.7906

Square

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



175.5890, 16.4716, -56.6446



189.8250, 22.2713, -3.3545



190.5880, -11.6289, 43.3343



184.3810, -21.3868, -0.3341

Rectangle

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



175.5890, 16.4716, -56.6446



182.4570, 26.8897, -38.1118



190.5880, -11.6289, 43.3343



187.7480, -24.5258, 26.5310

Sweetspot

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



175.5890, 16.4716, -56.6446



242.4750, 6.1748, -20.5876



169.3240, -25.3027, -51.1501



120.2480, 3.8217, -12.4955



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.



175.5890, 16.4716, -56.6446



206.3730, 23.9731, -82.7651



146.8260, 30.6518, -31.4194



101.1240, 1.9109, -6.2477



110.7240, 28.2371, -97.1049



26.9800, 6.9119, -23.6615

Inverse Universe

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



150.6760, 25.3027, 51.1501



169.9190, 37.0149, 74.6160



173.1740, -30.6518, 31.4194



98.4290, 2.7465, 5.7628



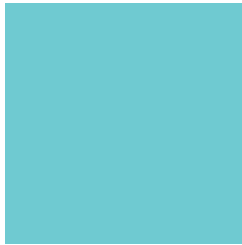
68.0160, 43.3761, 87.6860



16.5910, 10.5546, 21.4067

Previews

White Background



This preview shows how the YUV color 175.5890, 16.4716, -56.6446 looks on a white background.

Color Contrast Check

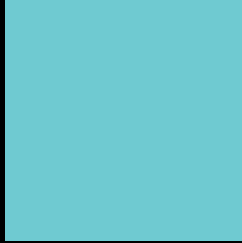
Large Text (above 18pt) WCAG AA × Fail

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 175.5890, 16.4716, -56.6446 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

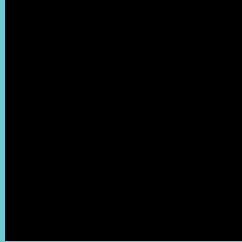
Any Text WCAG AA ✓ Pass

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 175.5890, 16.4716, -56.6446 Background



This preview shows how black text looks on a background with the YUV color 175.5890, 16.4716, -56.6446.

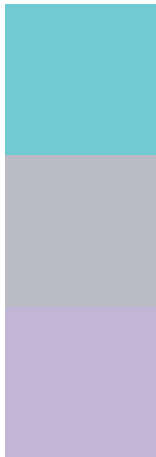


This preview shows how white text looks on a background with the YUV color 175.5890, 16.4716, -56.6446.

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

175.5890, 16.4716, -56.6446

Protanopia

187.7810, 5.5310, -0.6849

Deuteranopia

188.8230, 11.9193, 3.6632



Tritanopia

176.8110, 19.8132, -55.0852

Trichromacy



Original Color

175.5890, 16.4716, -56.6446

Protanomaly

183.3870, 9.6692, -21.3874

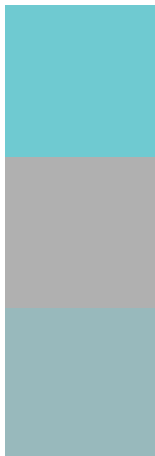
Deuteranomaly

183.8480, 13.8789, -18.2837

Tritanomaly

176.1700, 18.6502, -55.4001

Monochromacy



Original Color

175.5890, 16.4716, -56.6446

Achromatopsia

176.0000, 0.0000, 0.0000

Achromatomaly

175.4750, 6.1748, -20.5876

CSS Examples

Text

The CSS property to change the color of the text to YUV 175.5890, 16.4716, -56.6446 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(111, 202, 209)` looks like.

```
.text, #text, p{  
    color:rgb(111, 202, 209)  
}
```

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(111, 202, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 202, 209) }
```

Border

The CSS property to change the border of an element to YUV 175.5890, 16.4716, -56.6446 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(111, 202, 209) }
```


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

```
.border{ border-color:rgb(111, 202, 209) }
```

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

Here you see how a box with a 4 pixel rgb(111, 202, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 202, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 202, 209);  
box-shadow:4px 4px 4px 4px rgb(111, 202,  
209) }
```

Background

The CSS property to change the background color of an element to YUV 175.5890, 16.4716, -56.6446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 202, 209) }
```

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

```
.background{ background-color: rgb(111,  
202, 209) }
```

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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