

Converting Colors

YUV(176.3560, 16.5865,
-46.7932)

Have a look what the booklet for
YUV(176.3560, 16.5865, -46.7932)
contains.

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Color

**YUV(176.3560, 16.5865,
-46.7932)**

Conversions

Conversions Part 1

Format	Color
Hex	7BC5D2
RGB	123, 197, 210
RGB Percent	48%, 77%, 82%
CMY	0.5176, 0.2275, 0.1765
CMYK	0.41, 0.06, 0.00, 0.18
HSL	189°, 49%, 65%
HSV	189°, 41%, 82%
XYZ	39.7675, 48.7966, 68.2955
YIQ	176.3560, -48.2770, -11.6450

Conversions

Conversions Part 2

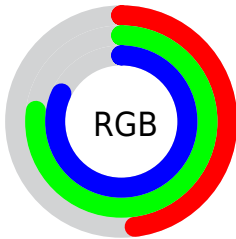
Format	Color
R _{YB}	123, 163, 210
Decimal	8111570
CIE Lab	75.32, -19.67, -13.75
CIE LCh	75, 24.000, 214.940
Yxy	48.7966, 0.2535, 0.3111
Android (android.graphics.Color)	4286301650 (0xFF7BC5D2)
YUV	176.3560, 16.5865, -46.7932
Hunter-Lab	69.8546, -20.6273, -9.0685

Details

The YUV color $176.3560, 16.5865, -46.7932$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $156.6440, -16.5865, 46.7932$, and the grayscale version is $176.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $231.6890, 11.4923, -46.2083$, and $121.7580, 16.8813, -48.0228$ is the 20% darker color. If you saturate the color by 10%, you get $168.3160, 20.5502, -58.1591$, and if you desaturate by 10%, it is $184.3960, 12.6228, -35.4273$.

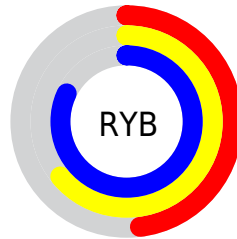
Distribution



Red (48%)

Green (77%)

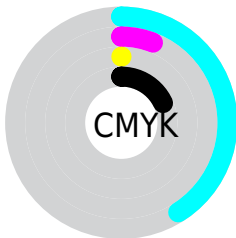
Blue (82%)



Red (48%)

Yellow (64%)

Blue (82%)

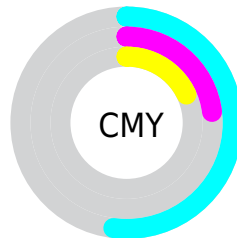


Cyan (41%)

Magenta (6%)

Yellow (0%)

Black (18%)



Cyan (52%)

Magenta (23%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 176.3560, 16.5865, -46.7932 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 176.3560, 16.5865, -46.7932 by changing the saturation by 10% instead.

■ 176.3560, 16.5865,
-46.7932

■ 176.3560, 16.5865,
-46.7932

255.0000, 0.0000,
0.0000

■ 148.9430, 16.2971,
-47.3080

■ 231.6890, 11.4923,
-46.2083

■ 121.7580, 16.8813,
-48.0228

■ 240.9470, 6.9281,
-28.8945

■ 94.2630, 17.6183,
-51.0967

■ 249.6180, 2.6533,
-11.0660

■ 65.8600, 18.8030,
-57.7592

■ 49.6230, 14.9759,
-43.5194

■ 33.5000, 11.5855,
-29.3795

■ 19.9530, 7.9112,

-17.4988

■ 2.0690, 5.3890,
-1.8145

■ 0.0000, 0.0000,
0.0000

■ 176.3560, 16.5865,
-46.7932

■ 176.3560, 16.5865,
-46.7932

■ 168.3160, 20.5502,
-58.1591

■ 184.3960, 12.6228,
-35.4273

■ 160.2760, 24.5139,
-69.5251

■ 192.4360, 8.6591,
-24.0614

■ 152.2360, 28.4777,
-80.8910

■ 200.4760, 4.6953,
-12.6955

■ 143.6090, 32.7308,
-91.7421

■ 209.1030, 0.4422,
-1.8443

■ 135.5690, 36.6945,
-103.1080

■ 217.1430, -3.5215,
9.5216

■ 129.0130, 39.9266,
-113.1444

■ 225.1830, -7.4852,
20.8875

■ 228.7380, -9.2378,
23.0318

■ 230.4990,
-10.1060, 21.4874

■ 232.2600,
-10.9742, 19.9430

Harmonies

Analogous

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



176.2290, 5.8031, -41.4198



176.3560, 16.5865, -46.7932



179.9040, 22.2323, -37.6268

Triad

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



176.3560, 16.5865, -46.7932



189.2170, 7.7810, 24.3657



183.9850, -20.6986, 12.2912

Complementary

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



176.3560, 16.5865, -46.7932



156.6440, -16.5865, 46.7932

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.



186.3120, -19.8738, 27.7904



176.3560, 16.5865, -46.7932



189.4220, -3.1660, 35.5869

Square

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



176.3560, 16.5865, -46.7932



188.3870, 16.5712, 4.9226



188.0880, -13.3544, 36.7568



181.7160, -16.1290, -6.7669

Rectangle

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



176.3560, 16.5865, -46.7932



183.0950, 22.6312, -25.5163



188.0880, -13.3544, 36.7568



185.2030, -21.2991, 18.2390

Sweetspot

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



176.3560, 16.5865, -46.7932



242.7960, 6.0166, -16.4841



175.4370, -19.9354, -45.9872



120.8570, 3.5215, -9.5216



0.0000, 0.0000, 0.0000



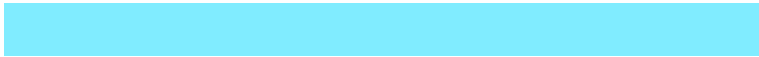
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



176.3560, 16.5865, -46.7932



205.8740, 24.2191, -68.2955



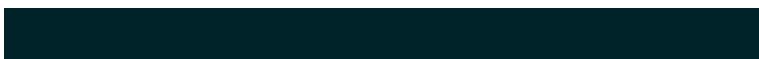
151.7020, 28.7409, -25.1717



100.5370, 2.2003, -5.7329



103.0930, 31.9992, -90.4126



25.2190, 7.7800, -22.1171

Inverse Universe

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



157.4490, 19.4986, 46.0872



178.2850, 28.4535, 67.2791



181.2980, -28.7409, 25.1717



98.3150, 2.3097, 5.8627



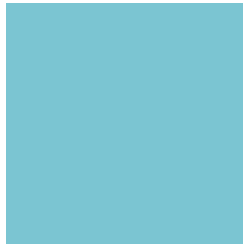
66.5340, 37.6977, 88.9857



16.2490, 9.2442, 21.7066

Previews

White Background



This preview shows how the YUV color 176.3560, 16.5865, -46.7932 looks on a white background.

Color Contrast Check

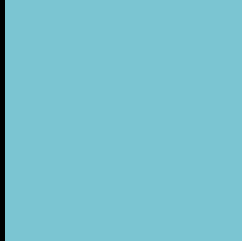
Large Text (above 18pt) WCAG AA × Fail

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 176.3560, 16.5865, -46.7932 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

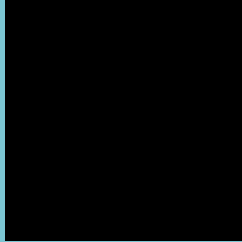
Any Text WCAG AA ✓ Pass

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 176.3560, 16.5865, -46.7932 Background



This preview shows how black text looks on a background with the YUV color 176.3560, 16.5865, -46.7932.



This preview shows how white text looks on a background with the YUV color 176.3560, 16.5865, -46.7932.

-46.7932.

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

176.3560, 16.5865, -46.7932

Protanopia

185.0520, 7.8624, -1.7996

Deuteranopia

186.5670, 13.5245, 2.1337



Tritanopia

176.8830, 17.3127, -46.3784

Trichromacy



Original Color

176.3560, 16.5865, -46.7932

Protanomaly

181.7510, 10.9688, -18.1986

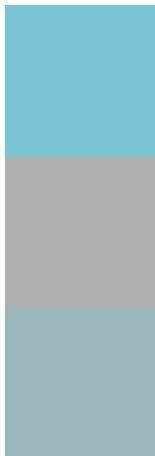
Deuteranomaly

182.7990, 14.8891, -15.6097

Tritanomaly

176.7690, 16.8759, -46.2784

Monochromacy



Original Color

176.3560, 16.5865, -46.7932

Achromatopsia

176.0000, 0.0000, 0.0000

Achromatomaly

176.3830, 5.7272, -16.9989

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.3560, 16.5865, -46.7932 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(123, 197, 210)` looks like.

```
.text, #text, p{  
    color:rgb(123, 197, 210)  
}
```

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(123, 197, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 197, 210) }
```

Border

The CSS property to change the border of an element to YUV 176.3560, 16.5865, -46.7932 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(123, 197, 210) }
```


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

```
.border{ border-color:rgb(123, 197, 210) }
```

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

Here you see how a box with a 4 pixel rgb(123, 197, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 197, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 197, 210);  
box-shadow:4px 4px 4px 4px rgb(123, 197,  
210) }
```

Background

The CSS property to change the background color of an element to YUV 176.3560, 16.5865, -46.7932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 197, 210) }
```

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

```
.background{ background-color: rgb(123,  
197, 210) }
```

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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