

Converting Colors

YUV(173.6860, 19.3818,
-56.7296)

Have a look what the booklet for
YUV(173.6860, 19.3818, -56.7296)
contains.

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Color

**YUV(173.6860, 19.3818,
-56.7296)**

Conversions

Conversions Part 1

Format	Color
Hex	6DC7D5
RGB	109, 199, 213
RGB Percent	43%, 78%, 84%
CMY	0.5725, 0.2196, 0.1647
CMYK	0.49, 0.07, 0.00, 0.16
HSL	188°, 55%, 63%
HSV	188°, 49%, 84%
XYZ	38.7403, 48.9022, 70.3480
YIQ	173.6860, -58.1340, -14.7260

Conversions

Conversions Part 2

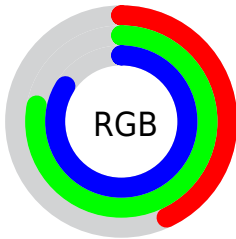
Format	Color
RYB	109, 157, 213
Decimal	7194581
CIELab	75.39, -23.21, -15.33
CIElCh	75, 27.812, 213.450
Yxy	48.9022, 0.2452, 0.3095
Android (android.graphics.Color)	4285384661 (0xFF6DC7D5)
YUV	173.6860, 19.3818, -56.7296
Hunter-Lab	69.9301, -23.4910, -10.6933

Details

The YUV color **173.6860, 19.3818, -56.7296** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **148.3140, -19.3818, 56.7296**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.6880, 12.9718, -54.1004**, and **117.4790, 19.9769, -60.9331** is the 20% darker color. If you saturate the color by 10%, you get **165.6460, 23.3455, -68.0955**, and if you desaturate by 10%, it is **181.7260, 15.4181, -45.3637**.

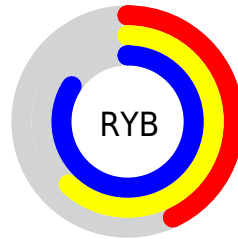
Distribution



Red (43%)

Green (78%)

Blue (84%)



Red (43%)

Yellow (62%)

Blue (84%)

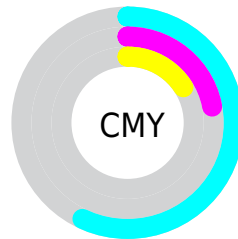


Cyan (49%)

Magenta (7%)

Yellow (0%)

Black (16%)



Cyan (57%)

Magenta (22%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.6860, 19.3818, -56.7296 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 173.6860, 19.3818, -56.7296 by changing the saturation by 10% instead.

■ 173.6860, 19.3818,
-56.7296

■ 173.6860, 19.3818,
-56.7296

255.0000, 0.0000,
0.0000

■ 145.9740, 19.2398,
-57.8592

■ 228.6880, 12.9718,
-54.1004

■ 117.4790, 19.9769,
-60.9331

■ 237.3590, 8.6970,
-36.2718

■ 84.9010, 23.2198,
-74.4582

■ 246.0300, 4.4222,
-18.4433

■ 67.3760, 19.5346,
-59.0888

■ 50.5520, 15.9969,
-44.3341

■ 34.4290, 12.6065,
-30.1942

■ 21.3550, 8.2060,

-18.7283

■ 2.5250, 7.1362,
-2.2144

■ 0.0000, 0.0000,
0.0000

■ 173.6860, 19.3818,
-56.7296

■ 173.6860, 19.3818,
-56.7296

■ 165.6460, 23.3455,
-68.0955

■ 181.7260, 15.4181,
-45.3637

■ 157.3070, 27.4566,
-80.0762

■ 190.0650, 11.3070,
-33.3830

■ 149.2670, 31.4204,
-91.4422

■ 198.1050, 7.3432,
-22.0171

■ 141.8140, 35.0947,
-103.3229

■ 205.5580, 3.6689,
-10.1364

■ 133.4750, 39.2058,
-115.3036

■ 213.5980, -0.2948,
1.2296

■ 132.2900, 39.7900,
-116.0183

■ 221.9370, -4.4059,
13.2103

■ 229.0800, -7.9274,
22.7318

■ 230.8410, -8.7956,
21.1874

■ 232.6020, -9.6638,
19.6430

Harmonies

Analogous

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



174.4130, 6.6984, -48.5972



173.6860, 19.3818, -56.7296



177.5870, 26.3326, -46.1188

Triad

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



173.6860, 19.3818, -56.7296



189.6950, 9.5174, 27.4545



184.0840, -24.1984, 14.8353

Complementary

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



173.6860, 19.3818, -56.7296



148.3140, -19.3818, 56.7296

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.



186.3620, -22.3635, 33.0085



173.6860, 19.3818, -56.7296



189.5690, -2.7455, 40.7200

Square

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



173.6860, 19.3818, -56.7296



188.4840, 19.4814, 4.8375



187.8930, -14.2442, 42.1898



181.5050, -19.4760, -6.5819

Rectangle

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



173.6860, 19.3818, -56.7296



182.0880, 26.5786, -31.6492



187.8930, -14.2442, 42.1898



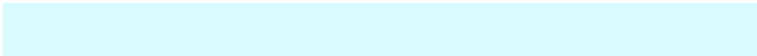
185.0140, -24.6569, 21.9127

Sweetspot

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



173.6860, 19.3818, -56.7296



240.7030, 7.0484, -20.7875



171.6440, -23.9815, -54.9388



118.7750, 4.5479, -12.0807



0.0000, 0.0000, 0.0000



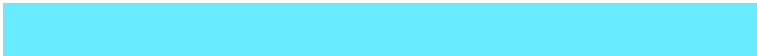
128.0000, 0.0000, 0.0000

Same Dimension

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



173.6860, 19.3818, -56.7296



198.4100, 27.8989, -81.9206



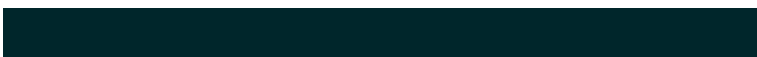
143.1620, 34.4301, -29.9601



103.1240, 1.9109, -6.2477



106.3700, 31.8626, -93.2865



27.2080, 7.7855, -23.8614

Inverse Universe

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



150.3560, 23.9815, 54.9388



164.6700, 34.6727, 79.2194



178.8380, -34.4301, 29.9601



100.4290, 2.7465, 5.7628



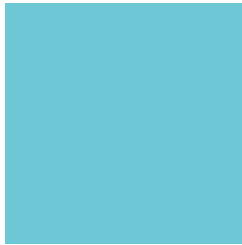
68.0010, 39.4395, 90.3301



17.1890, 10.2598, 22.6362

Previews

White Background



This preview shows how the YUV color 173.6860, 19.3818, -56.7296 looks on a white background.

Color Contrast Check

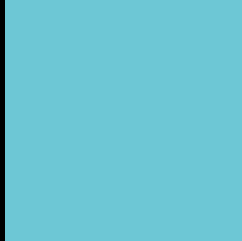
Large Text (above 18pt) WCAG AA × Fail

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 173.6860, 19.3818, -56.7296 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

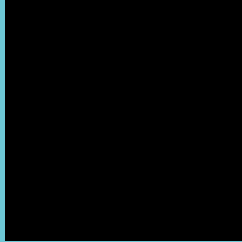
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 173.6860, 19.3818, -56.7296

Background



This preview shows how black text looks on a background with the YUV color 173.6860, 19.3818, -56.7296.



This preview shows how white text looks on a background with the YUV color 173.6860, 19.3818, -56.7296.

-56.7296.

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

173.6860, 19.3818, -56.7296

Protanopia

185.2800, 8.7360, -1.9996

Deuteranopia

186.3110, 15.1297, 0.6043



Tritanopia

174.2130, 20.1080, -56.3148

Trichromacy



Original Color

173.6860, 19.3818, -56.7296

Protanomaly

181.1850, 12.7268, -22.0872

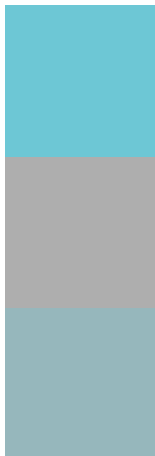
Deuteranomaly

181.9340, 16.7945, -20.1131

Tritanomaly

174.0990, 19.6712, -56.2148

Monochromacy



Original Color

173.6860, 19.3818, -56.7296

Achromatopsia

174.0000, 0.0000, 0.0000

Achromatomaly

173.7030, 7.0484, -20.7875

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.6860, 19.3818, -56.7296 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(109, 199, 213)` looks like.

```
.text, #text, p{  
    color:rgb(109, 199, 213)  
}
```

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(109, 199, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 199, 213) }
```

Border

The CSS property to change the border of an element to YUV 173.6860, 19.3818, -56.7296 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(109, 199, 213) }
```


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

```
.border{ border-color:rgb(109, 199, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 199, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 199, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 199, 213);  
box-shadow:4px 4px 4px 4px rgb(109, 199,  
213) }
```

Background

The CSS property to change the background color of an element to YUV 173.6860, 19.3818, -56.7296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 199, 213) }
```

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

```
.background{ background-color: rgb(109,  
199, 213) }
```

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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