

Converting Colors

YUV(185.1540, 16.1931,
-60.6481)

Have a look what the booklet for
YUV(185.1540, 16.1931, -60.6481)
contains.

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Color

**YUV(185.1540, 16.1931,
-60.6481)**

Conversions

Conversions Part 1

Format	Color
Hex	74D6DA
RGB	116, 214, 218
RGB Percent	45%, 84%, 85%
CMY	0.5451, 0.1608, 0.1451
CMYK	0.47, 0.02, 0.00, 0.15
HSL	182°, 58%, 65%
HSV	182°, 47%, 85%
XYZ	43.9039, 56.8681, 74.9923
YIQ	185.1540, -59.6920, -19.5320

Conversions

Conversions Part 2

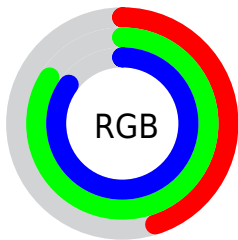
Format	Color
R _{YB}	116, 166, 218
Decimal	7657178
CIE Lab	80.11, -27.74, -10.92
CIE LCh	80, 29.813, 201.496
Yxy	56.8681, 0.2498, 0.3235
Android (android.graphics.Color)	4285847258 (0xFF74D6DA)
YUV	185.1540, 16.1931, -60.6481
Hunter-Lab	75.4109, -28.0472, -6.1732

Details

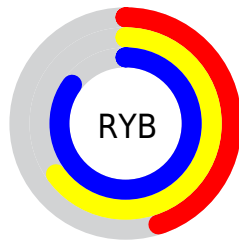
The YUV color **185.1540, 16.1931, -60.6481** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **148.8460, -16.1931, 60.6481**, and the grayscale version is **185.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.7810, 11.9400, -49.7969**, and **128.3600, 17.0775, -64.3367** is the 20% darker color. If you saturate the color by 10%, you get **177.9890, 19.7254, -73.6584**, and if you desaturate by 10%, it is **192.3190, 12.6607, -47.6378**.

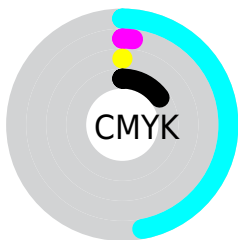
Distribution



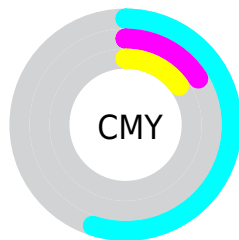
- Red (45%)
- Green (84%)
- Blue (85%)



- Red (45%)
- Yellow (65%)
- Blue (85%)



- Cyan (47%)
- Magenta (2%)
- Yellow (0%)
- Black (15%)



- Cyan (55%)
- Magenta (16%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 185.1540, 16.1931, -60.6481 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 185.1540, 16.1931, -60.6481 by changing the saturation by 10% instead.

■ 185.1540, 16.1931,
-60.6481

■ 185.1540, 16.1931,
-60.6481

■ 255.0000, 0.0000,
0.0000

■ 156.8550, 16.3405,
-61.2628

■ 230.7810, 11.9400,
-49.7969

■ 128.3600, 17.0775,
-64.3367

■ 239.4520, 7.6652,
-31.9684

■ 96.0810, 20.1731,
-77.2470

■ 248.4220, 3.2430,
-13.5251

■ 75.5770, 17.9565,
-66.2810

■ 58.0520, 14.2714,
-50.9116

■ 41.9290, 10.8810,
-36.7717

■ 26.5070, 7.6380,

-23.2466

■ 3.6820, 9.0308,
-3.2291

■ 0.0000, 0.0000,
0.0000

■ 185.1540, 16.1931,
-60.6481

■ 185.1540, 16.1931,
-60.6481

■ 177.9890, 19.7254,
-73.6584

■ 192.3190, 12.6607,
-47.6378

■ 170.8240, 23.2578,
-86.6686

■ 199.4840, 9.1284,
-34.6275

■ 163.9580, 26.6427,
-99.0642

■ 206.3500, 5.7435,
-22.2319

■ 157.3800, 29.8857,
-112.5893

■ 212.9280, 2.5005,
-8.7069

■ 150.2150, 33.4180,
-125.5996

■ 220.0930, -1.0318,
4.3034

■ 147.5350, 34.7392,
-129.3882

■ 227.2580, -4.5642,
17.3137

■ 230.2370, -6.0328,
21.7172

■ 230.8240, -6.3222,
21.2024

■ 231.4110, -6.6116,
20.6876

Harmonies

Analogous

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



187.8280, 0.5778, -45.4532



185.1540, 16.1931, -60.6481



187.8090, 26.2232, -57.7145

Triad

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



185.1540, 16.1931, -60.6481



203.1440, 15.2120, 20.9217



197.8680, -26.5569, 24.6718

Complementary

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



185.1540, 16.1931, -60.6481



148.8460, -16.1931, 60.6481

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.



200.2320, -21.8064, 41.0155



185.1540, 16.1931, -60.6481



203.2360, 2.3487, 40.1350

Square

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



185.1540, 16.1931, -60.6481



199.7860, 24.7555, -6.8283



201.8380, -10.7661, 46.6231



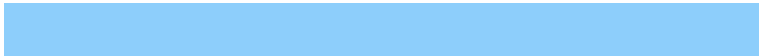
195.0070, -24.1605, 2.6249

Rectangle

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



185.1540, 16.1931, -60.6481



191.6950, 29.2374, -44.4595



201.8380, -10.7661, 46.6231



198.7270, -25.9944, 30.9344

Sweetspot

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



185.1540, 16.1931, -60.6481



243.6490, 5.5960, -21.6172



176.2160, -28.2075, -52.8094



120.8350, 3.5323, -13.0103



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.



185.1540, 16.1931, -60.6481



208.7210, 22.8155, -84.8243



155.8040, 30.6626, -34.9081



106.1240, 1.9109, -6.2477



117.7510, 27.2378, -103.2676



31.0720, 7.3595, -27.2501

Inverse Universe

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



157.6700, 27.7707, 52.9094



170.3750, 38.7621, 74.2161



178.1960, -30.6626, 34.9081



103.4290, 2.7465, 5.7628



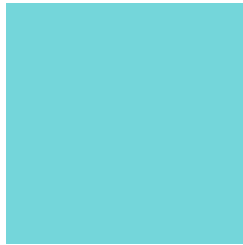
70.7650, 47.4439, 89.6601



18.7700, 12.4384, 23.8807

Previews

White Background



This preview shows how the YUV color 185.1540, 16.1931, -60.6481 looks on a white background.

Color Contrast Check

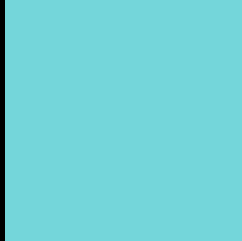
Large Text (above 18pt) WCAG AA × Fail

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 185.1540, 16.1931, -60.6481 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 185.1540, 16.1931, -60.6481 Background



This preview shows how black text looks on a background with the YUV color 185.1540, 16.1931, -60.6481.



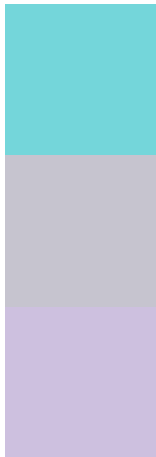
This preview shows how white text looks on a background with the YUV color 185.1540, 16.1931, -60.6481.

-60.6481.

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

185.1540, 16.1931, -60.6481

Protanopia

197.8520, 4.5100, 0.1298

Deuteranopia

199.4210, 11.6244, 4.8928



Tritanopia

186.4300, 20.9870, -58.2591

Trichromacy



Original Color

185.1540, 16.1931, -60.6481

Protanomaly

193.4470, 8.6536, -22.3170

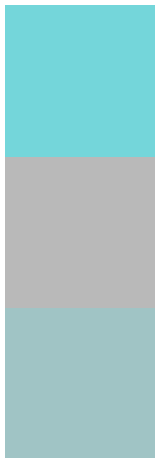
Deuteranomaly

194.3210, 13.1527, -18.6985

Tritanomaly

186.2620, 19.0978, -58.9888

Monochromacy



Original Color

185.1540, 16.1931, -60.6481

Achromatopsia

185.0000, 0.0000, 0.0000

Achromatomaly

185.3500, 5.7435, -22.2319

CSS Examples

Text

The CSS property to change the color of the text to YUV 185.1540, 16.1931, -60.6481 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(116, 214, 218)` looks like.

```
.text, #text, p{  
    color:rgb(116, 214, 218)  
}
```

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(116, 214, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 214, 218) }
```

Border

The CSS property to change the border of an element to YUV 185.1540, 16.1931, -60.6481 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(116, 214, 218) }
```


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

```
.border{ border-color:rgb(116, 214, 218) }
```

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

Here you see how a box with a 4 pixel rgb(116, 214, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 214, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 214, 218);  
box-shadow:4px 4px 4px 4px rgb(116, 214,  
218) }
```

Background

The CSS property to change the background color of an element to YUV 185.1540, 16.1931, -60.6481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 214, 218) }
```

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

```
.background{ background-color: rgb(116,  
214, 218) }
```

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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