

Converting Colors

YUV(183.0730, -4.4730,
-58.8230)

Have a look what the booklet for
YUV(183.0730, -4.4730, -58.8230)
contains.

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Color

**YUV(183.0730, -4.4730,
-58.8230)**

Conversions

Conversions Part 1

Format	Color
Hex	74DBAE
RGB	116, 219, 174
RGB Percent	45%, 86%, 68%
CMY	0.5451, 0.1412, 0.3176
CMYK	0.47, 0.00, 0.21, 0.14
HSL	154°, 59%, 66%
HSV	154°, 47%, 86%
XYZ	40.1740, 57.4320, 49.0125
YIQ	183.0730, -46.9430, -35.8310

Conversions

Conversions Part 2

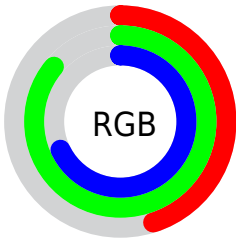
Format	Color
RYB	116, 182, 219
Decimal	7658414
CIELab	80.42, -40.38, 12.97
CIELCh	80, 42.406, 162.195
Yxy	57.4320, 0.2740, 0.3917
Android (android.graphics.Color)	4285848494 (0xFF74DBAE)
YUV	183.0730, -4.4730, -58.8230
Hunter-Lab	75.7839, -37.9969, 14.7035

Details

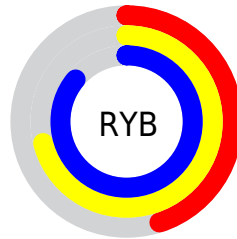
The YUV color **183.0730, -4.4730, -58.8230** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **151.9270, 4.4730, 58.8230**, and the grayscale version is **183.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.6320, 1.1674, -47.9123**, and **126.9310, -2.4310, -60.4525** is the 20% darker color. If you saturate the color by 10%, you get **175.3550, -5.5980, -71.3483**, and if you desaturate by 10%, it is **190.7910, -3.3480, -46.2977**.

Distribution



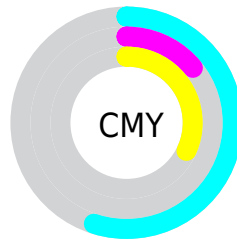
- Red (45%)
- Green (86%)
- Blue (68%)



- Red (45%)
- Yellow (71%)
- Blue (86%)



- Cyan (47%)
- Magenta (0%)
- Yellow (21%)
- Black (14%)



- Cyan (55%)
- Magenta (14%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 183.0730, -4.4730, -58.8230 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 183.0730, -4.4730, -58.8230 by changing the saturation by 10% instead.

■ 183.0730, -4.4730,
-58.8230

■ 183.0730, -4.4730,
-58.8230

255.0000, 0.0000,
0.0000

■ 154.8880, -3.8888,
-59.5378

■ 227.6320, 1.1674,
-47.9123

■ 126.9310, -2.4310,
-60.4525

■ 239.1530, 7.8126,
-32.5832

■ 97.4570, -0.2253,
-67.9298

■ 247.8240, 3.5378,
-14.7546

■ 73.4790, -0.2361,
-64.4411

■ 55.5950, -2.7583,
-48.7568

■ 39.1130, -4.9857,
-34.3021

■ 23.9360, -9.8284,

-20.9919

■ 1.7610, -0.8682,
-1.5444

■ 0.0000, 0.0000,
0.0000

■ 183.0730, -4.4730,
-58.8230

■ 183.0730, -4.4730,
-58.8230

■ 175.3550, -5.5980,
-71.3483

■ 190.7910, -3.3480,
-46.2977

■ 167.7510, -6.2862,
-83.9736

■ 198.3950, -2.6597,
-33.6724


■ 160.0330, -7.4113,
-96.4989

■ 206.1130, -1.5347,
-21.1471

■ 152.4290, -8.0995,
-109.1242

■ 213.7170, -0.8465,
-8.5218


 145.0100, -9.3719,
-121.0348


 221.4350, 0.2785,
4.0035

 142.5750, -9.6505,
-125.0383

 228.7400, 1.1142,
16.0140

 232.2720, 4.3029,
19.9325

 233.4120, 8.6709,
18.9327

 233.8680, 10.4181,
18.5328

Harmonies

Analogous

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



190.5110, -25.3949, -21.4961



183.0730, -4.4730, -58.8230



171.5790, 21.4066, -99.6088

Triad

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



183.0730, -4.4730, -58.8230



195.8270, 29.1723, -23.5273



196.4290, -23.8755, 51.3668

Complementary

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



183.0730, -4.4730, -58.8230



151.9270, 4.4730, 58.8230

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.



196.5380, -5.6882, 51.2712



183.0730, -4.4730, -58.8230



203.7660, 25.2584, 18.6222

Square

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



183.0730, -4.4730, -58.8230



182.2400, 35.8707, -72.1245



202.8590, 10.9155, 45.7277



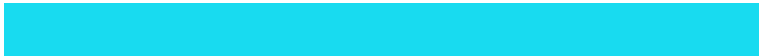
198.6330, -36.7941, 41.5409

Rectangle

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



183.0730, -4.4730, -58.8230



163.0890, 37.9171, -121.9811



202.8590, 10.9155, 45.7277



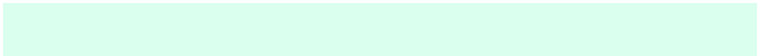
195.9220, -18.2025, 51.8114

Sweetspot

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



183.0730, -4.4730, -58.8230



242.4120, -1.6821, -20.5323



190.2150, -36.5880, -24.7446



120.2820, -1.1250, -12.5253



0.0000, 0.0000, 0.0000



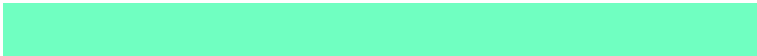
128.0000, 0.0000, 0.0000

Same Dimension

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



183.0730, -4.4730, -58.8230



205.1750, -6.0023, -81.7145



185.2680, 16.6299, -60.7480



106.1410, -0.5625, -6.2627



112.7230, -7.2584, -98.8581



29.9660, -1.9552, -26.2802

Inverse Universe

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



151.9270, 4.4730, 58.8230



161.9390, 6.4391, 81.6145



149.7320, -16.6299, 60.7480



102.7450, 0.1257, 6.3626



60.3910, 7.6952, 98.7581



16.0340, 1.9552, 26.2802

Previews

White Background



This preview shows how the YUV color 183.0730, -4.4730, -58.8230 looks on a white background.

Color Contrast Check

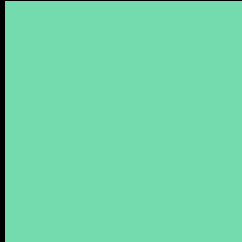
Large Text (above 18pt) WCAG AA × Fail

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 183.0730, -4.4730, -58.8230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

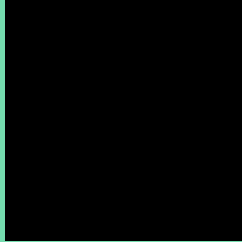
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 183.0730, -4.4730, -58.8230

Background



This preview shows how black text looks on a background with the YUV color 183.0730, -4.4730, -58.8230.



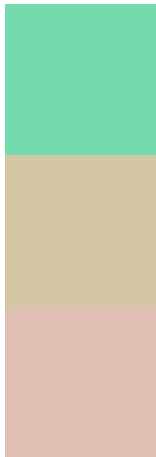
This preview shows how white text looks on a background with the YUV color 183.0730, -4.4730, -58.8230.

-58.8230.

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

183.0730, -4.4730, -58.8230

Protanopia

197.7120, -16.6200, 10.7766

Deuteranopia

199.6130, -9.6692, 21.3874



Tritanopia

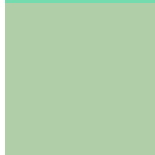
189.4200, 19.5129, -52.1113

Trichromacy



Original Color

183.0730, -4.4730, -58.8230



Protanomaly

192.6980, -12.1761, -14.6441



Deuteranomaly

193.5940, -7.6878, -7.5369



Tritanomaly

187.4060, 10.6458, -54.7301

Monochromacy



Original Color

183.0730, -4.4730, -58.8230



Achromatopsia

183.0000, 0.0000, 0.0000



Achromatomaly

183.1130, -1.5347, -21.1471

CSS Examples

Text

The CSS property to change the color of the text to YUV 183.0730, -4.4730, -58.8230 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, 219, 174)` looks like.

```
.text, #text, p{  
    color:rgb(116, 219, 174)  
}
```

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, 219, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 219, 174) }
```

Border

The CSS property to change the border of an element to YUV 183.0730, -4.4730, -58.8230 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, 219, 174) }
```


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

```
.border{ border-color:rgb(116, 219, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 219, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 219, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 219, 174);  
box-shadow:4px 4px 4px 4px rgb(116, 219,  
174) }
```

Background

The CSS property to change the background color of an element to YUV 183.0730, -4.4730, -58.8230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 219, 174) }
```

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

```
.background{ background-color: rgb(116,  
219, 174) }
```

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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