

Converting Colors

YUV(180.1740, 2.3792,
-63.2966)

Have a look what the booklet for
YUV(180.1740, 2.3792, -63.2966)
contains.

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Color

**YUV(180.1740, 2.3792,
-63.2966)**

Conversions

Conversions Part 1

Format	Color
Hex	6CD8B9
RGB	108, 216, 185
RGB Percent	42%, 85%, 73%
CMY	0.5765, 0.1529, 0.2745
CMYK	0.50, 0.00, 0.14, 0.15
HSL	163°, 58%, 64%
HSV	163°, 50%, 85%
XYZ	39.4972, 55.8027, 54.5882
YIQ	180.1740, -54.4170, -32.5370

Conversions

Conversions Part 2

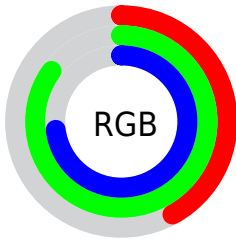
Format	Color
RYB	108, 171, 216
Decimal	7133369
CIELab	79.50, -38.53, 5.77
CIELCh	80, 38.957, 171.475
Yxy	55.8027, 0.2635, 0.3723
Android (android.graphics.Color)	4285323449 (0xFF6CD8B9)
YUV	180.1740, 2.3792, -63.2966
Hunter-Lab	74.7012, -36.3478, 8.9644

Details

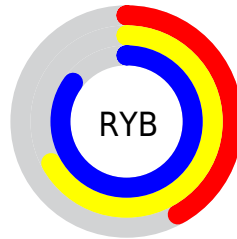
The YUV color **180.1740, 2.3792, -63.2966** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **143.8260, -2.3792, 63.2966**, and the grayscale version is **180.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.7930, 7.0041, -53.3155**, and **123.3090, 4.2847, -67.8000** is the 20% darker color. If you saturate the color by 10%, you get **172.9120, 3.0014, -76.2218**, and if you desaturate by 10%, it is **187.4360, 1.7571, -50.3714**.

Distribution



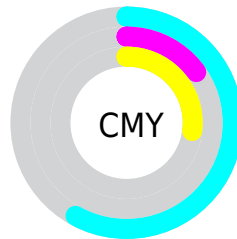
- Red (42%)
- Green (85%)
- Blue (73%)



- Red (42%)
- Yellow (67%)
- Blue (85%)



- Cyan (50%)
- Magenta (0%)
- Yellow (14%)
- Black (15%)



- Cyan (58%)
- Magenta (15%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the YUV color 180.1740, 2.3792, -63.2966 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 180.1740, 2.3792, -63.2966 by changing the saturation by 10% instead.

 180.1740, 2.3792,
-63.2966

 180.1740, 2.3792,
-63.2966


255.0000, 0.0000,
0.0000


 151.9890, 2.9634,
-64.0114

 226.7930, 7.0041,
-53.3155

 123.3090, 4.2847,
-67.8000


 237.0600, 8.8444,
-36.8866


 90.8560, 7.9590,
-79.6807

 245.7310, 4.5696,
-19.0581

 72.8580, 5.0000,
-63.8965

254.7010, 0.1474,
-0.6148

 55.5610, 2.1884,
-48.7270

 38.9650, -0.4757,
-34.1723

 24.2440, -3.5713,

-21.2620

■ 0.0000, 0.0000,
0.0000

■ 180.1740, 2.3792,
-63.2966

■ 180.1740, 2.3792,
-63.2966

■ 172.9120, 3.0014,
-76.2218

■ 187.4360, 1.7571,
-50.3714

■ 165.9490, 3.4761,
-88.5323

■ 194.3990, 1.2823,
-38.0609

■ 158.5730, 3.6615,
-101.3575

■ 201.7750, 1.0969,
-25.2357

■ 151.6100, 4.1363,
-113.6680

■ 208.7380, 0.6222,
-12.9252

■ 144.3480, 4.7584,
-126.5932

■ 216.0000, 0.0000,
0.0000

■ 223.2620, -0.6222,
12.9252

■ 229.0290, -0.5073,
22.7766

■ 229.8270, 2.5503,
22.0767

■ 230.5110, 5.1711,
21.4769

Harmonies

Analogous

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



186.8180, -17.6583, -29.6584



180.1740, 2.3792, -63.2966



172.4320, 24.4370, -91.5869

Triad

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



180.1740, 2.3792, -63.2966



197.1000, 28.5447, -8.8577



197.5060, -27.3645, 50.4222

Complementary

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



180.1740, 2.3792, -63.2966



143.8260, -2.3792, 63.2966

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.



195.6430, -11.6560, 52.0561



180.1740, 2.3792, -63.2966



202.4420, 19.9951, 26.7994

Square

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



180.1740, 2.3792, -63.2966



187.3890, 33.3322, -51.2072



199.8610, 4.5055, 48.3569



195.4360, -34.7249, 31.1896

Rectangle

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



180.1740, 2.3792, -63.2966



172.5700, 35.2150, -95.2159



199.8610, 4.5055, 48.3569



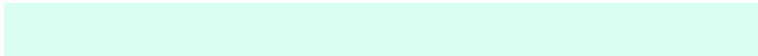
196.1840, -22.2757, 51.5816

Sweetspot

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



180.1740, 2.3792, -63.2966



242.3840, 0.7967, -22.2618



180.9640, -35.9713, -35.9254



120.3250, 0.3328, -13.4400



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.



180.1740, 2.3792, -63.2966



204.2370, 3.3342, -89.6618



170.7940, 22.2866, -55.0703



103.3690, 0.3111, -6.4626



114.2850, 3.8035, -100.2279



28.7750, 1.0969, -25.2357

Inverse Universe

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



143.8260, -2.3792, 63.2966



152.7630, -3.3342, 89.6618



153.2060, -22.2866, 55.0703



99.6310, -0.3111, 6.4626



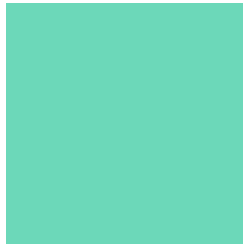
56.7150, -3.8035, 100.2279



14.2250, -1.0969, 25.2357

Previews

White Background



This preview shows how the YUV color 180.1740, 2.3792, -63.2966 looks on a white background.

Color Contrast Check

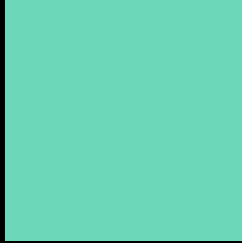
Large Text (above 18pt) WCAG AA × Fail

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 180.1740, 2.3792, -63.2966 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

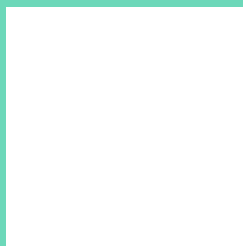
Any Text WCAG AAA ✓ Pass

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

YUV 180.1740, 2.3792, -63.2966 Background



This preview shows how black text looks on a background with the YUV color 180.1740, 2.3792, -63.2966.



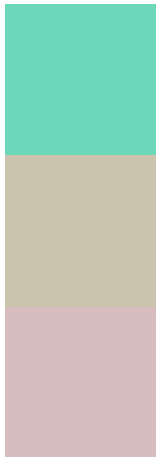
This preview shows how white text looks on a background with the YUV color 180.1740, 2.3792, -63.2966.

-63.2966.

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

180.1740, 2.3792, -63.2966

Protanopia

195.2970, -10.4994, 7.6325

Deuteranopia

197.3010, -3.1064, 16.3990



Tritanopia

185.3270, 20.5448, -56.4148

Trichromacy



Original Color

180.1740, 2.3792, -63.2966



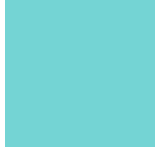
Protanomaly

189.9840, -5.9081, -18.4030



Deuteranomaly

191.2820, -1.1250, -12.5253



Tritanomaly

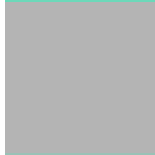
183.2960, 14.1511, -59.0186

Monochromacy



Original Color

180.1740, 2.3792, -63.2966



Achromatopsia

180.0000, 0.0000, 0.0000



Achromatomaly

180.0850, 0.9441, -22.8765

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.1740, 2.3792, -63.2966 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(108, 216, 185)` looks like.

```
.text, #text, p{  
    color:rgb(108, 216, 185)  
}
```

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(108, 216, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 216, 185) }
```

Border

The CSS property to change the border of an element to YUV 180.1740, 2.3792, -63.2966 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(108, 216, 185) }
```


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

```
.border{ border-color:rgb(108, 216, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 216, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 216, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 216, 185);  
box-shadow:4px 4px 4px 4px rgb(108, 216,  
185) }
```

Background

The CSS property to change the background color of an element to YUV 180.1740, 2.3792, -63.2966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 216, 185) }
```

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

```
.background{ background-color: rgb(108,  
216, 185) }
```

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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