

Converting Colors

YUV(186.6130, 10.0508,
-50.5266)

Have a look what the booklet for
YUV(186.6130, 10.0508, -50.5266)
contains.

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Color

**YUV(186.6130, 10.0508,
-50.5266)**

Conversions

Conversions Part 1

Format	Color
Hex	81D4CF
RGB	129, 212, 207
RGB Percent	51%, 83%, 81%
CMY	0.4941, 0.1686, 0.1882
CMYK	0.39, 0.00, 0.02, 0.17
HSL	176°, 49%, 67%
HSV	176°, 39%, 83%
XYZ	43.8592, 56.2591, 67.5789
YIQ	186.6130, -47.8630, -19.1510

Conversions

Conversions Part 2

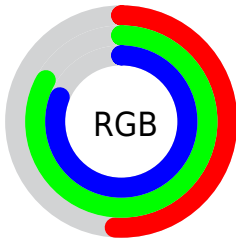
Format	Color
RYB	129, 172, 212
Decimal	8508623
CIELab	79.76, -26.39, -5.50
CIELCh	80, 26.953, 191.764
Yxy	56.2591, 0.2615, 0.3355
Android (android.graphics.Color)	4286698703 (0xFF81D4CF)
YUV	186.6130, 10.0508, -50.5266
Hunter-Lab	75.0061, -26.8841, -0.9149

Details

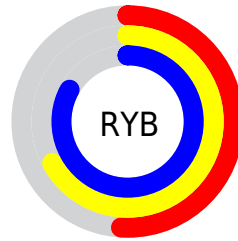
The YUV color **186.6130, 10.0508, -50.5266** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **154.3870, -10.0508, 50.5266**, and the grayscale version is **187.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.0700, 10.3185, -43.0344**, and **131.4280, 10.6350, -51.2414** is the 20% darker color. If you saturate the color by 10%, you get **180.2200, 12.7095, -63.3369**, and if you desaturate by 10%, it is **193.0060, 7.3920, -37.7163**.

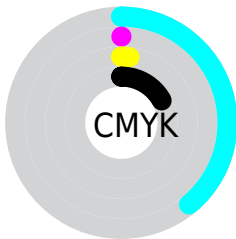
Distribution



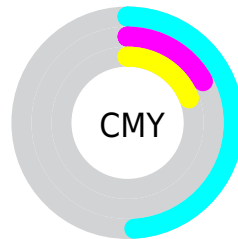
- Red (51%)
- Green (83%)
- Blue (81%)



- Red (51%)
- Yellow (67%)
- Blue (83%)



- Cyan (39%)
- Magenta (0%)
- Yellow (2%)
- Black (17%)



- Cyan (49%)
- Magenta (17%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 186.6130, 10.0508, -50.5266 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 186.6130, 10.0508, -50.5266 by changing the saturation by 10% instead.

■ 186.6130, 10.0508,
-50.5266

■ 186.6130, 10.0508,
-50.5266

255.0000, 0.0000,
0.0000

■ 158.6130, 10.0508,
-50.5266

■ 234.0700, 10.3185,
-43.0344

■ 131.4280, 10.6350,
-51.2414

■ 242.7410, 6.0437,
-25.2059

■ 104.2320, 11.2246,
-53.7005

■ 251.7110, 1.6215,
-6.7625

■ 73.2630, 14.1673,
-64.2517

■ 56.4390, 10.6296,
-49.4970

■ 39.7290, 7.5286,
-34.8423

■ 25.0080, 4.4331,

-21.9320

■ 1.3680, 5.2416,
-1.1997

■ 0.0000, 0.0000,
0.0000

■ 186.6130, 10.0508,
-50.5266

■ 186.6130, 10.0508,
-50.5266

■ 180.2200, 12.7095,
-63.3369

■ 193.0060, 7.3920,
-37.7163

■ 173.7130, 14.9315,
-76.0473

■ 199.5130, 5.1701,
-25.0059

■ 167.0210, 17.7376,
-89.4724

■ 206.2050, 2.3639,
-11.5808

■ 160.6280, 20.3964,
-102.2828

■ 212.5980, -0.2948,
1.2296

■ 154.2350, 23.0551,
-115.0931

■ 218.9910, -2.9536,
14.0399

■ 147.7280, 25.2771,
-127.8035

■ 225.1990, -5.0281,
26.1355

■ 147.1300, 25.5719,
-129.0330

■ 225.3130, -4.5913,
26.0355

■ 225.4270, -4.1545,
25.9355

■ 225.5410, -3.7177,
25.8355

Harmonies

Analogous

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



189.3410, -4.1121, -34.5021



186.6130, 10.0508, -50.5266



187.4630, 20.9707, -53.0261

Triad

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



186.6130, 10.0508, -50.5266



201.1320, 16.6969, 11.2852



198.1010, -23.2208, 27.9754

Complementary

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



186.6130, 10.0508, -50.5266



154.3870, -10.0508, 50.5266

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.



199.7850, -17.1490, 40.5306



186.6130, 10.0508, -50.5266



201.8050, 6.0121, 31.7430

Square

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



186.6130, 10.0508, -50.5266



197.9160, 24.1984, -14.8353



201.6570, -6.2399, 41.5198



195.2790, -23.3085, 9.4023

Rectangle

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



186.6130, 10.0508, -50.5266



190.2450, 25.0222, -45.8189



201.6570, -6.2399, 41.5198



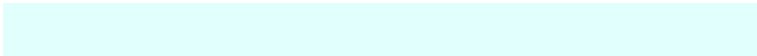
198.4760, -21.9267, 32.9085

Sweetspot

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



186.6130, 10.0508, -50.5266



245.5030, 3.6960, -18.8581



179.5150, -24.9039, -39.0397



122.3900, 1.7797, -10.8660



0.0000, 0.0000, 0.0000



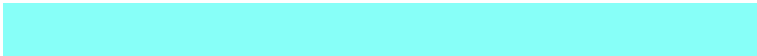
128.0000, 0.0000, 0.0000

Same Dimension

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



186.6130, 10.0508, -50.5266



218.3220, 14.6313, -73.0734



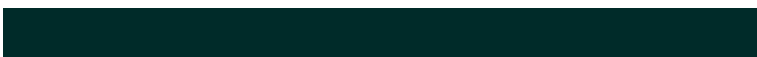
166.0510, 22.6529, -32.4937



103.5970, 1.1847, -6.6626



118.7310, 20.8386, -104.1271



29.9150, 5.4649, -26.2355

Inverse Universe

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



154.3870, -10.0508, 50.5266



171.6780, -14.6313, 73.0734



174.9490, -22.6529, 32.4937



99.4030, -1.1847, 6.6626



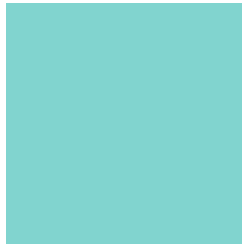
52.2690, -20.8386, 104.1271



13.1990, -5.0281, 26.1355

Previews

White Background



This preview shows how the YUV color 186.6130, 10.0508, -50.5266 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 186.6130, 10.0508, -50.5266 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

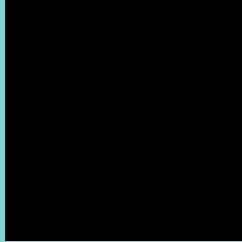
Any Text WCAG AA ✓ Pass

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 186.6130, 10.0508, -50.5266 Background



This preview shows how black text looks on a background with the YUV color 186.6130, 10.0508, -50.5266.



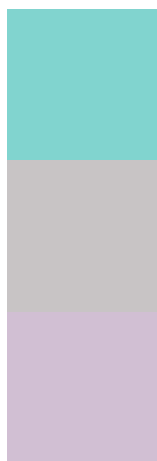
This preview shows how white text looks on a background with the YUV color 186.6130, 10.0508, -50.5266.

-50.5266.

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

186.6130, 10.0508, -50.5266

Protanopia

197.3100, -0.1528, 2.3591

Deuteranopia

198.6620, 6.0826, 9.0664



Tritanopia

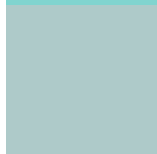
188.5130, 18.4811, -47.8079

Trichromacy



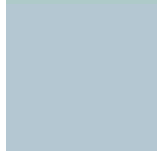
Original Color

186.6130, 10.0508, -50.5266



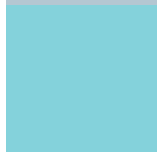
Protanomaly

193.5140, 3.6906, -17.1138



Deuteranomaly

194.5730, 7.6055, -12.7805



Tritanomaly

187.7040, 15.4289, -48.8524

Monochromacy



Original Color

186.6130, 10.0508, -50.5266



Achromatopsia

187.0000, 0.0000, 0.0000



Achromatomaly

186.8020, 3.5486, -18.2434

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.6130, 10.0508, -50.5266 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(129, 212, 207)` looks like.

```
.text, #text, p{  
    color:rgb(129, 212, 207)  
}
```

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(129, 212, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 212, 207) }
```

Border

The CSS property to change the border of an element to YUV 186.6130, 10.0508, -50.5266 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(129, 212, 207) }
```


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

```
.border{ border-color:rgb(129, 212, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 212, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 212, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 212, 207);  
box-shadow:4px 4px 4px 4px rgb(129, 212,  
207) }
```

Background

The CSS property to change the background color of an element to YUV 186.6130, 10.0508, -50.5266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 212, 207) }
```

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

```
.background{ background-color: rgb(129,  
212, 207) }
```

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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