

Converting Colors

YUV(185.4630, 4.2087,
-43.3791)

Have a look what the booklet for
YUV(185.4630, 4.2087, -43.3791)
contains.

YUV(185.4630, 4.2087, -43.3791)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(185.4630, 4.2087,
-43.3791)**

Conversions

Conversions Part 1	
Format	Color
Hex	88D1C2
RGB	136, 209, 194
RGB Percent	53%, 82%, 76%
CMY	0.4667, 0.1804, 0.2392
CMYK	0.35, 0.00, 0.07, 0.18
HSL	168°, 44%, 68%
HSV	168°, 35%, 82%
XYZ	42.6914, 54.7302, 59.3528
YIQ	185.4630, -38.6930, -20.1410

Conversions

Conversions Part 2

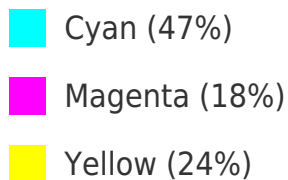
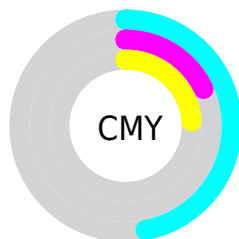
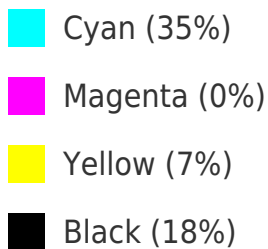
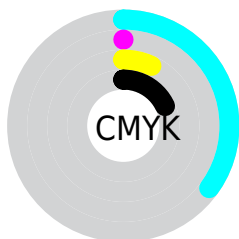
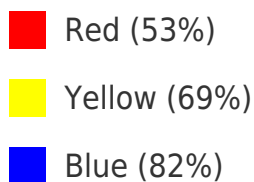
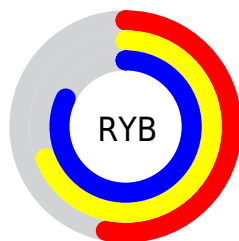
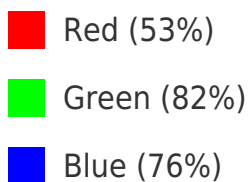
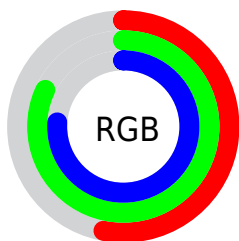
Format	Color
RYB	136, 177, 209
Decimal	8966594
CIELab	78.89, -26.07, 0.22
CIELCh	79, 26.074, 179.519
Yxy	54.7302, 0.2723, 0.3491
Android (android.graphics.Color)	4287156674 (0xFF88D1C2)
YUV	185.4630, 4.2087, -43.3791
Hunter-Lab	73.9799, -26.4581, 4.2185

Details

The YUV color **185.4630, 4.2087, -43.3791** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **159.5370, -4.2087, 43.3791**, and the grayscale version is **185.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.5930, 7.1027, -38.2311**, and **130.8760, 4.4981, -42.8643** is the 20% darker color. If you saturate the color by 10%, you get **178.7280, 5.5571, -55.8895**, and if you desaturate by 10%, it is **192.1980, 2.8604, -30.8686**.

Distribution





Brightness & Saturation

Gradients

These gradients show how the YUV color 185.4630, 4.2087, -43.3791 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 185.4630, 4.2087, -43.3791 by changing the saturation by 10% instead.

 185.4630, 4.2087,
-43.3791

 185.4630, 4.2087,
-43.3791


255.0000, 0.0000,
0.0000

 157.8760, 4.4981,
-42.8643


 235.5930, 7.1027,
-38.2311

 130.8760, 4.4981,
-42.8643


 244.5350, 5.1592,
-21.5172

 104.6910, 5.0823,
-43.5790

 253.5050, 0.7370,
-3.0739

 78.1960, 5.8194,
-46.6529

 53.4240, 6.6930,
-46.8528

 37.4150, 3.7394,
-32.8130

 22.6940, 0.6439,

-19.9026

0.0000, 0.0000,
0.0000

185.4630, 4.2087,
-43.3791

185.4630, 4.2087,
-43.3791

178.7280, 5.5571,
-55.8895

192.1980, 2.8604,
-30.8686

171.8790, 6.4687,
-68.2999

199.0470, 1.9488,
-18.4582

165.1440, 7.8170,
-80.8103

205.7820, 0.6005,
-5.9478

158.4090, 9.1654,
-93.3207

212.5170, -0.7479,
6.5626

151.9730, 10.3663,
-105.2163

219.2520, -2.0962,
19.0730

■ 145.1240, 11.2779,
-117.6267

■ 224.0080, -1.9759,
27.1800

■ 141.6070, 12.0257,
-124.1893

■ 224.4640, -0.2288,
26.7801

■ 224.9200, 1.5184,
26.3802

■ 225.4900, 3.7024,
25.8803

Harmonies

Analogous

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



188.1420, -8.9440, -24.6805



185.4630, 4.2087, -43.3791



184.3230, 16.6028, -52.0263

Triad

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



185.4630, 4.2087, -43.3791



197.4620, 19.4922, 1.3488



196.1170, -20.7637, 33.2234

Complementary

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



185.4630, 4.2087, -43.3791



159.5370, -4.2087, 43.3791

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.



197.7510, -12.2022, 40.5604



185.4630, 4.2087, -43.3791



199.4880, 10.1124, 23.2510

Square

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



185.4630, 4.2087, -43.3791



193.2630, 24.5203, -24.7867



199.3020, -1.1349, 37.4461



194.6220, -23.4776, 16.9945

Rectangle

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



185.4630, 4.2087, -43.3791



186.1260, 22.1229, -49.2225



199.3020, -1.1349, 37.4461



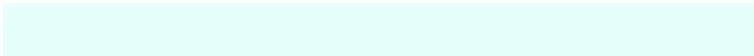
197.0080, -18.7379, 36.8270

Sweetspot

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



185.4630, 4.2087, -43.3791



246.9550, 1.5012, -14.8695



183.6350, -23.4841, -27.7439



122.7600, 0.6113, -9.4365



0.0000, 0.0000, 0.0000



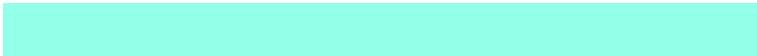
128.0000, 0.0000, 0.0000

Same Dimension

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



185.4630, 4.2087, -43.3791



220.4990, 6.1630, -63.5816



174.8460, 16.8379, -34.0679



101.3690, 0.3111, -6.4626



113.8920, 9.9132, -99.8833



27.7150, 2.1125, -24.3061

Inverse Universe

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



159.5370, -4.2087, 43.3791



182.5010, -6.1630, 63.5816



170.1540, -16.8379, 34.0679



97.5170, -0.7479, 6.5626



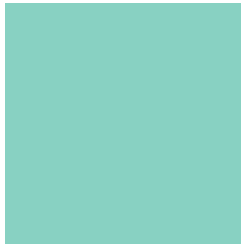
54.2220, -9.4764, 99.7833



13.1710, -2.5493, 24.4060

Previews

White Background



This preview shows how the YUV color 185.4630, 4.2087, -43.3791 looks on a white background.

Color Contrast Check

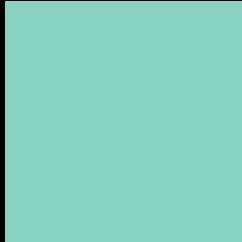
Large Text (above 18pt) WCAG AA × Fail

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 185.4630, 4.2087, -43.3791 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

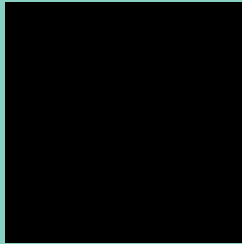
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 185.4630, 4.2087, -43.3791

Background



This preview shows how black text looks on a background with the YUV color 185.4630, 4.2087, -43.3791.

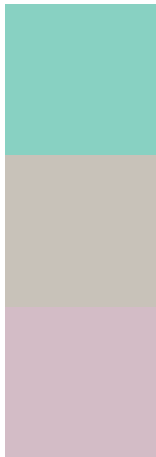


This preview shows how white text looks on a background with the YUV color 185.4630, 4.2087, -43.3791.

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

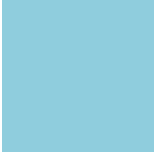
185.4630, 4.2087, -43.3791

Protanopia

194.7680, -4.8156, 4.5885

Deuteranopia

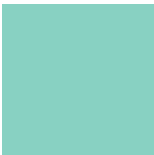
196.0170, 0.9776, 13.1401



Tritanopia

188.2860, 16.1280, -39.7158

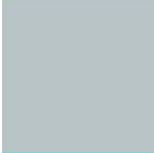
Trichromacy



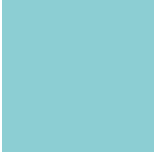
Original Color
185.4630, 4.2087, -43.3791



Protanomaly
191.1680, -1.5618, -12.4253

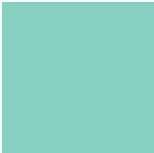


Deuteranomaly
192.5260, 2.2057, -7.4773



Tritanomaly
186.8360, 11.9129, -41.0752

Monochromacy



Original Color
185.4630, 4.2087, -43.3791



Achromatopsia
185.0000, 0.0000, 0.0000



Achromatomaly
185.2430, 1.3592, -15.9991

CSS Examples

Text

The CSS property to change the color of the text to YUV 185.4630, 4.2087, -43.3791 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(136, 209, 194)` looks like.

```
.text, #text, p{  
    color:rgb(136, 209, 194)  
}
```

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(136, 209, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 209, 194) }
```

Border

The CSS property to change the border of an element to YUV 185.4630, 4.2087, -43.3791 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(136, 209, 194) }
```


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

```
.border{ border-color:rgb(136, 209, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 209, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 209, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 209, 194);  
box-shadow:4px 4px 4px 4px rgb(136, 209,  
194) }
```

Background

The CSS property to change the background color of an element to YUV 185.4630, 4.2087, -43.3791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 209, 194) }
```

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

```
.background{ background-color: rgb(136,  
209, 194) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor