

Converting Colors

YUV(185.4740, 4.2033,
-41.6347)

Have a look what the booklet for
YUV(185.4740, 4.2033, -41.6347)
contains.

YUV(185.4740, 4.2033, -41.6347)	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(185.4740, 4.2033,
-41.6347)**

Conversions

Conversions Part 1

Format	Color
Hex	8AD0C2
RGB	138, 208, 194
RGB Percent	54%, 82%, 76%
CMY	0.4588, 0.1843, 0.2392
CMYK	0.34, 0.00, 0.07, 0.18
HSL	168°, 43%, 68%
HSV	168°, 34%, 82%
XYZ	42.7747, 54.4101, 59.2867
YIQ	185.4740, -37.2260, -19.1940

Conversions

Conversions Part 2

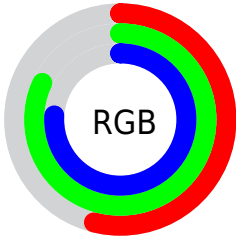
Format	Color
RYB	138, 177, 208
Decimal	9097410
CIELab	78.70, -25.03, -0.04
CIElCh	79, 25.025, 180.091
Yxy	54.4101, 0.2734, 0.3477
Android (android.graphics.Color)	4287287490 (0xFF8AD0C2)
YUV	185.4740, 4.2033, -41.6347
Hunter-Lab	73.7632, -25.5748, 3.9803

Details

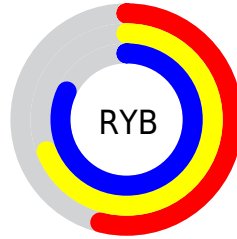
The YUV color **185.4740, 4.2033, -41.6347** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **160.5260, -4.2033, 41.6347**, and the grayscale version is **185.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.1910, 6.8078, -37.0015**, and **130.8870, 4.4927, -41.1199** is the 20% darker color. If you saturate the color by 10%, you get **178.7390, 5.5517, -54.1451**, and if you desaturate by 10%, it is **192.2090, 2.8550, -29.1243**.

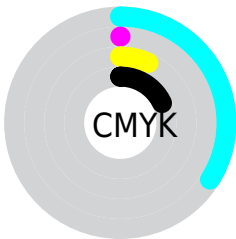
Distribution



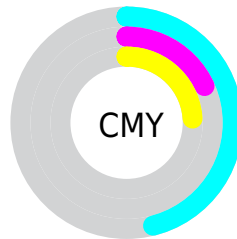
- Red (54%)
- Green (82%)
- Blue (76%)



- Red (54%)
- Yellow (69%)
- Blue (82%)



- Cyan (34%)
- Magenta (0%)
- Yellow (7%)
- Black (18%)



- Cyan (46%)
- Magenta (18%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 185.4740, 4.2033, -41.6347 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 185.4740, 4.2033, -41.6347 by changing the saturation by 10% instead.

■ 185.4740, 4.2033,
-41.6347

■ 185.4740, 4.2033,
-41.6347

255.0000, 0.0000,
0.0000

■ 157.8870, 4.4927,
-41.1199

■ 236.1910, 6.8078,
-37.0015

■ 130.8870, 4.4927,
-41.1199

■ 245.1330, 4.8644,
-20.2876

■ 105.0010, 4.9295,
-41.2199

■ 253.8040, 0.5896,
-2.4591

■ 78.8050, 5.5191,
-43.6790

■ 53.4240, 6.6930,
-46.8528

■ 36.8280, 4.0288,
-32.2982

■ 22.1070, 0.9332,

-19.3878

■ 0.0000, 0.0000,
0.0000

■ 185.4740, 4.2033,
-41.6347

■ 185.4740, 4.2033,
-41.6347

■ 178.7390, 5.5517,
-54.1451

■ 192.2090, 2.8550,
-29.1243

■ 172.0040, 6.9000,
-66.6555

■ 198.9440, 1.5066,
-16.6139

■ 165.5680, 8.1010,
-78.5511

■ 205.3800, 0.3057,
-4.7183

■ 158.7190, 9.0125,
-90.9616

■ 212.2290, -0.6059,
7.6922

■ 151.9840, 10.3609,
-103.4720

■ 218.9640, -1.9543,
20.2026

■ 145.2490, 11.7092,
-115.9824

■ 223.3070, -2.1234,
27.7948

■ 141.0200, 12.3151,
-123.6745

■ 223.7630, -0.3762,
27.3948

■ 224.2190, 1.3710,
26.9949

■ 224.6750, 3.1182,
26.5950

Harmonies

Analogous

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



188.2560, -8.5072, -24.7805



185.4740, 4.2033, -41.6347



184.8180, 15.8657, -48.9524

Triad

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



185.4740, 4.2033, -41.6347



197.2340, 18.6186, 1.5488



196.2200, -20.3215, 31.3791

Complementary

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



185.4740, 4.2033, -41.6347



160.5260, -4.2033, 41.6347

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.



197.7400, -12.1968, 38.8160



185.4740, 4.2033, -41.6347



198.9610, 9.3862, 22.8362

Square

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



185.4740, 4.2033, -41.6347



193.0460, 23.6413, -22.8423



198.5900, -1.2769, 36.3166



193.5510, -22.4566, 16.1798

Rectangle

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



185.4740, 4.2033, -41.6347



186.6210, 21.3858, -46.1486



198.5900, -1.2769, 36.3166



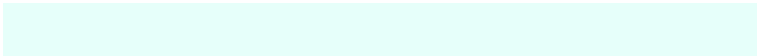
196.2250, -17.8589, 34.8827

Sweetspot

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



185.4740, 4.2033, -41.6347



246.9550, 1.5012, -14.8695



183.2760, -22.3211, -27.4291



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.



185.4740, 4.2033, -41.6347



222.2220, 6.2996, -60.7077



174.7430, 16.3957, -32.2236



101.3690, 0.3111, -6.4626



114.0060, 10.3500, -99.9833



27.8290, 2.5493, -24.4060

Inverse Universe

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



160.5260, -4.2033, 41.6347



185.7780, -6.2996, 60.7077



171.2570, -16.3957, 32.2236



97.5170, -0.7479, 6.5626



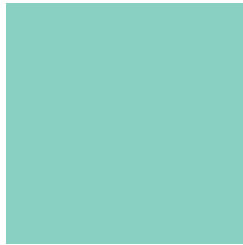
54.1080, -9.9132, 99.8833



13.1710, -2.5493, 24.4060

Previews

White Background



This preview shows how the YUV color 185.4740, 4.2033, -41.6347 looks on a white background.

Color Contrast Check

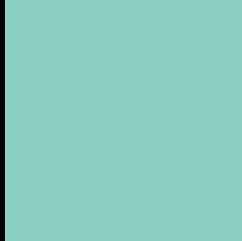
Large Text (above 18pt) WCAG AA × Fail

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 185.4740, 4.2033, -41.6347 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

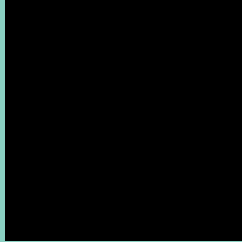
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

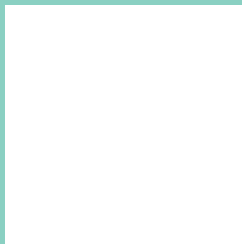
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 185.4740, 4.2033, -41.6347

Background



This preview shows how black text looks on a background with the YUV color 185.4740, 4.2033, -41.6347.



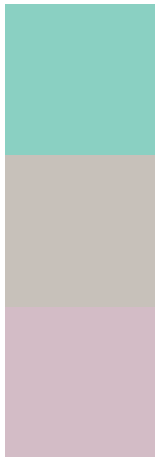
This preview shows how white text looks on a background with the YUV color 185.4740, 4.2033, -41.6347.

-41.6347.

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

185.4740, 4.2033, -41.6347

Protanopia

193.9960, -3.9420, 4.3885

Deuteranopia

196.0170, 0.9776, 13.1401



Tritanopia

187.8840, 15.8332, -38.4863

Trichromacy



Original Color

185.4740, 4.2033, -41.6347

Protanomaly

190.6950, -0.8356, -12.0105

Deuteranomaly

191.9390, 2.4951, -6.9625

Tritanomaly

186.8470, 11.9074, -39.3308

Monochromacy



Original Color

185.4740, 4.2033, -41.6347

Achromatopsia

185.0000, 0.0000, 0.0000

Achromatomaly

184.9550, 1.5012, -14.8695

CSS Examples

Text

The CSS property to change the color of the text to YUV 185.4740, 4.2033, -41.6347 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(138, 208, 194)` looks like.

```
.text, #text, p{  
    color:rgb(138, 208, 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(138, 208, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 208, 194) }
```

Border

The CSS property to change the border of an element to YUV 185.4740, 4.2033, -41.6347 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(138, 208, 194) }
```


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

```
.border{ border-color:rgb(138, 208, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 208, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 208, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 208, 194);  
box-shadow:4px 4px 4px 4px rgb(138, 208,  
194) }
```

Background

The CSS property to change the background color of an element to YUV 185.4740, 4.2033, -41.6347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 208, 194) }
```

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

```
.background{ background-color: rgb(138,  
208, 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](#).

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