

Converting Colors

YUV(175.2290, 5.8031,
-41.4198)

Have a look what the booklet for
YUV(175.2290, 5.8031, -41.4198)
contains.

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Color

**YUV(175.2290, 5.8031,
-41.4198)**

Conversions

Conversions Part 1

Format	Color
Hex	80C5BB
RGB	128, 197, 187
RGB Percent	50%, 77%, 73%
CMY	0.4980, 0.2275, 0.2667
CMYK	0.35, 0.00, 0.05, 0.23
HSL	171°, 37%, 64%
HSV	171°, 35%, 77%
XYZ	37.8380, 48.1096, 54.3055
YIQ	175.2290, -37.9140, -17.7380

Conversions

Conversions Part 2

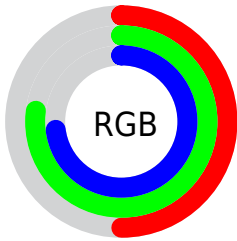
Format	Color
R_{YB}	128, 165, 197
Decimal	8439227
CIE _{Lab}	74.89, -23.97, -1.89
CIE _{LCh}	75, 24.041, 184.519
Yxy	48.1096, 0.2698, 0.3430
Android (android.graphics.Color)	4286629307 (0xFF80C5BB)
YUV	175.2290, 5.8031, -41.4198
Hunter-Lab	69.3611, -24.0062, 2.1323

Details

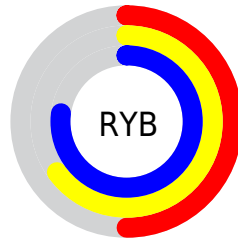
The YUV color **175.2290, 5.8031, -41.4198** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **149.7710, -5.8031, 41.4198**, and the grayscale version is **175.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.5170, 5.6611, -42.5494**, and **121.6420, 6.0925, -40.9050** is the 20% darker color. If you saturate the color by 10%, you get **168.9070, 7.4408, -53.4154**, and if you desaturate by 10%, it is **181.5510, 4.1654, -29.4242**.

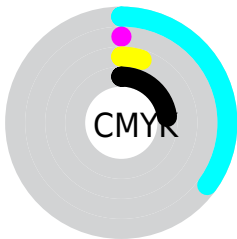
Distribution



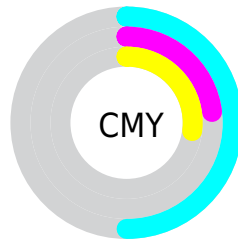
- Red (50%)
- Green (77%)
- Blue (73%)



- Red (50%)
- Yellow (65%)
- Blue (77%)



- Cyan (35%)
- Magenta (0%)
- Yellow (5%)
- Black (23%)



- Cyan (50%)
- Magenta (23%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 175.2290, 5.8031, -41.4198 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 175.2290, 5.8031, -41.4198 by changing the saturation by 10% instead.

■ 175.2290, 5.8031,
-41.4198

■ 175.2290, 5.8031,
-41.4198

255.0000, 0.0000,
0.0000

■ 148.2290, 5.8031,
-41.4198

■ 231.5170, 5.6611,
-42.5494

■ 121.6420, 6.0925,
-40.9050

■ 242.1430, 6.3385,
-26.4354

■ 95.4570, 6.6767,
-41.6198

■ 250.8140, 2.0637,
-8.6069

■ 68.3640, 7.7085,
-45.9232

■ 46.8700, 6.9661,
-41.1050

■ 31.5620, 4.1599,
-27.6799

■ 17.4280, 0.7750,

-15.2844

■ 0.0000, 0.0000,
0.0000

■ 175.2290, 5.8031,
-41.4198

■ 175.2290, 5.8031,
-41.4198

■ 168.9070, 7.4408,
-53.4154

■ 181.5510, 4.1654,
-29.4242

■ 162.8840, 8.9312,
-64.7963

■ 187.5740, 2.6750,
-18.0434

■ 156.5620, 10.5689,
-76.7919

■ 193.8960, 1.0373,
-6.0478

■ 150.3540, 12.6435,
-88.8875

■ 200.1040, -1.0373,
6.0478

■ 144.0320, 14.2812,
-100.8831

■ 206.4260, -2.6750,
18.0434

■ 138.0090, 15.7716,
-112.2639

■ 212.4490, -4.1654,
29.4242

■ 134.7910, 16.3720,
-118.2117

■ 215.4820, -4.1816,
34.6573

■ 215.8240, -2.8712,
34.3574

■ 216.1660, -1.5608,
34.0574

Harmonies

Analogous

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



177.5270, -6.1758, -25.8952



175.2290, 5.8031, -41.4198



175.3560, 16.5865, -46.7932

Triad

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



175.2290, 5.8031, -41.4198



187.0880, 16.7186, 4.3078



185.3120, -19.8738, 27.7904

Complementary

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



175.2290, 5.8031, -41.4198



149.7710, -5.8031, 41.4198

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.



187.0880, -13.3544, 36.7568



175.2290, 5.8031, -41.4198



188.2170, 7.7810, 24.3657

Square

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



175.2290, 5.8031, -41.4198



183.0250, 22.1727, -18.4389



187.5360, -2.7292, 35.4869



183.1700, -21.2828, 13.0059

Rectangle

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



175.2290, 5.8031, -41.4198



176.9420, 21.2276, -42.0451



187.5360, -2.7292, 35.4869



185.5020, -17.9955, 32.0087

Sweetspot

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



175.2290, 5.8031, -41.4198



246.1720, 2.3802, -16.8138



171.4930, -21.4420, -29.3734



122.5750, 1.1955, -10.1513



0.0000, 0.0000, 0.0000



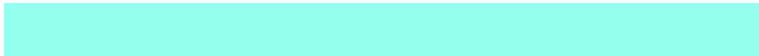
128.0000, 0.0000, 0.0000

Same Dimension

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



175.2290, 5.8031, -41.4198



221.1830, 8.7838, -64.1815



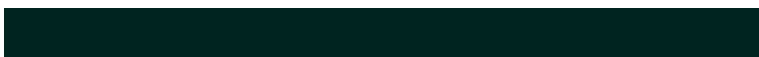
162.2810, 17.1165, -30.0644



96.1950, 0.8899, -5.4330



111.6410, 13.9810, -97.9092



24.6660, 3.1227, -21.6321

Inverse Universe

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



149.7710, -5.8031, 41.4198



181.7030, -9.2206, 64.2815



162.7190, -17.1165, 30.0644



92.8050, -0.8899, 5.4330



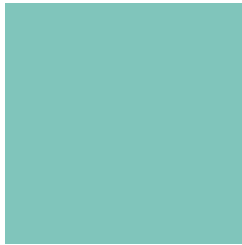
51.4730, -13.5442, 97.8092



11.3340, -3.1227, 21.6321

Previews

White Background



This preview shows how the YUV color 175.2290, 5.8031, -41.4198 looks on a white background.

Color Contrast Check

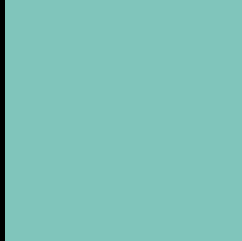
Large Text (above 18pt) WCAG AA × Fail

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 175.2290, 5.8031, -41.4198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

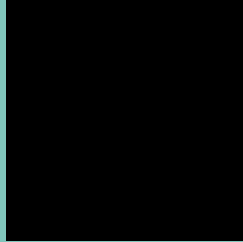
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 175.2290, 5.8031, -41.4198

Background



This preview shows how black text looks on a background with the YUV color 175.2290, 5.8031, -41.4198.



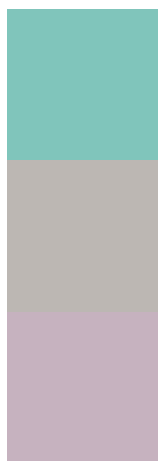
This preview shows how white text looks on a background with the YUV color 175.2290, 5.8031, -41.4198.

-41.4198.

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

175.2290, 5.8031, -41.4198

Protanopia

184.0390, -2.4842, 3.4738

Deuteranopia

185.4620, 2.7302, 10.9958



Tritanopia

177.4710, 15.5438, -39.0011

Trichromacy



Original Color

175.2290, 5.8031, -41.4198

Protanomaly

180.7380, 0.6222, -12.9252

Deuteranomaly

181.9820, 3.9529, -7.8772

Tritanomaly

176.5480, 12.0548, -39.9456

Monochromacy



Original Color

175.2290, 5.8031, -41.4198

Achromatopsia

175.0000, 0.0000, 0.0000

Achromatomaly

175.0690, 1.9380, -14.9695

CSS Examples

Text

The CSS property to change the color of the text to YUV 175.2290, 5.8031, -41.4198 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(128, 197, 187)` looks like.

```
.text, #text, p{  
    color:rgb(128, 197, 187)  
}
```

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(128, 197, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 197, 187) }
```

Border

The CSS property to change the border of an element to YUV 175.2290, 5.8031, -41.4198 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(128, 197, 187) }
```


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

```
.border{ border-color:rgb(128, 197, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 197, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 197, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 197, 187);  
box-shadow:4px 4px 4px 4px rgb(128, 197,  
187) }
```

Background

The CSS property to change the background color of an element to YUV 175.2290, 5.8031, -41.4198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 197, 187) }
```

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

```
.background{ background-color: rgb(128,  
197, 187) }
```

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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