

Converting Colors

YUV(176.1430, 2.8875,
-39.5904)

Have a look what the booklet for
YUV(176.1430, 2.8875, -39.5904)
contains.

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Color

**YUV(176.1430, 2.8875,
-39.5904)**

Conversions

Conversions Part 1

Format	Color
Hex	83C6B6
RGB	131, 198, 182
RGB Percent	51%, 78%, 71%
CMY	0.4863, 0.2235, 0.2863
CMYK	0.34, 0.00, 0.08, 0.22
HSL	166°, 37%, 65%
HSV	166°, 34%, 78%
XYZ	37.9977, 48.5909, 51.6323
YIQ	176.1430, -34.7960, -19.1800

Conversions

Conversions Part 2

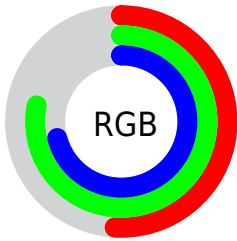
Format	Color
RYB	131, 169, 198
Decimal	8636086
CIELab	75.20, -24.75, 1.27
CIElCh	75, 24.784, 177.055
Yxy	48.5909, 0.2749, 0.3515
Android (android.graphics.Color)	4286826166 (0xFF83C6B6)
YUV	176.1430, 2.8875, -39.5904
Hunter-Lab	69.7071, -24.6864, 4.8788

Details

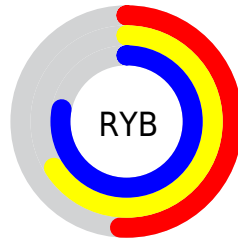
The YUV color $176.1430, 2.8875, -39.5904$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $152.8570, -2.8875, 39.5904$, and the grayscale version is $176.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $232.4310, 2.7455, -40.7200$, and $122.5560, 3.1769, -39.0756$ is the 20% darker color. If you saturate the color by 10%, you get $169.5930, 3.6517, -51.3861$, and if you desaturate by 10%, it is $182.6930, 2.1234, -27.7948$.

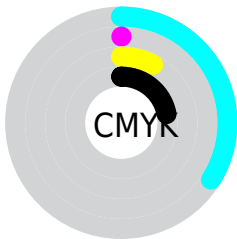
Distribution



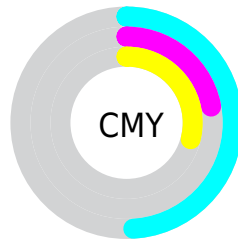
- Red (51%)
- Green (78%)
- Blue (71%)



- Red (51%)
- Yellow (66%)
- Blue (78%)



- Cyan (34%)
- Magenta (0%)
- Yellow (8%)
- Black (22%)



- Cyan (49%)
- Magenta (22%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 176.1430, 2.8875, -39.5904 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 176.1430, 2.8875, -39.5904 by changing the saturation by 10% instead.

■ 176.1430, 2.8875,
-39.5904

■ 176.1430, 2.8875,
-39.5904

255.0000, 0.0000,
0.0000

■ 149.1430, 2.8875,
-39.5904

■ 232.4310, 2.7455,
-40.7200

■ 122.5560, 3.1769,
-39.0756

■ 242.7410, 6.0437,
-25.2059

■ 96.6700, 3.6137,
-39.1756

■ 251.4120, 1.7689,
-7.3773

■ 70.5880, 4.6401,
-41.7347

■ 47.0010, 4.9295,
-41.2199

■ 31.1060, 2.4127,
-27.2800

■ 17.4450, -1.6984,

-15.2993

■ 0.0000, 0.0000,
0.0000

■ 176.1430, 2.8875,
-39.5904

■ 176.1430, 2.8875,
-39.5904

■ 169.5930, 3.6517,
-51.3861

■ 182.6930, 2.1234,
-27.7948

■ 163.1570, 4.8526,
-63.2817

■ 189.1290, 0.9224,
-15.8991

■ 156.9060, 5.4693,
-74.4626

■ 195.3800, 0.3057,
-4.7183

■ 150.3560, 6.2335,
-86.2582

■ 201.9300, -0.4585,
7.0774

■ 143.8060, 6.9976,
-98.0539

■ 208.4800, -1.2226,
18.8730

■ 137.3700, 8.1986,
-109.9495

■ 214.9160, -2.4236,
30.7687

■ 133.4400, 8.6571,
-117.0269

■ 216.9810, -0.9766,
33.3427

■ 217.5510, 1.2074,
32.8428

■ 218.1210, 3.3913,
32.3429

Harmonies

Analogous

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



178.7510, -9.2442, -21.7066



176.1430, 2.8875, -39.5904



175.4760, 14.5553, -48.6525

Triad

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



176.1430, 2.8875, -39.5904



187.0380, 19.2083, -0.9103



186.2740, -18.8691, 32.2087

Complementary

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



176.1430, 2.8875, -39.5904



152.8570, -2.8875, 39.5904

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.



187.9680, -11.3232, 38.6161



176.1430, 2.8875, -39.5904



189.1780, 10.2652, 20.8919

Square

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



176.1430, 2.8875, -39.5904



182.9210, 23.2099, -24.4867



189.1060, -0.5453, 34.9870



184.3770, -21.8779, 17.2094

Rectangle

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



176.1430, 2.8875, -39.5904



176.6810, 20.3703, -47.0782



189.1060, -0.5453, 34.9870



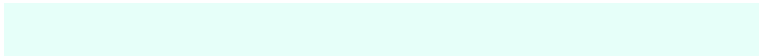
186.8660, -16.6959, 35.1975

Sweetspot

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



176.1430, 2.8875, -39.5904



246.8410, 1.0644, -14.7696



175.4120, -21.8951, -24.0403



122.7600, 0.6113, -9.4365



0.0000, 0.0000, 0.0000



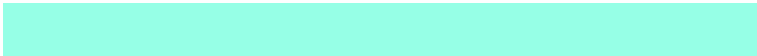
128.0000, 0.0000, 0.0000

Same Dimension

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



176.1430, 2.8875, -39.5904



220.7550, 4.5578, -62.0521



167.9880, 14.7959, -32.4385



96.0810, 0.4531, -5.3330



109.8170, 6.9922, -96.3095



24.2100, 1.3755, -21.2322

Inverse Universe

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



152.8570, -2.8875, 39.5904



184.2450, -4.5578, 62.0521



161.0120, -14.7959, 32.4385



92.9190, -0.4531, 5.3330



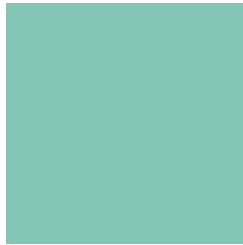
53.1830, -6.9922, 96.3095



11.7900, -1.3755, 21.2322

Previews

White Background



This preview shows how the YUV color 176.1430, 2.8875, -39.5904 looks on a white background.

Color Contrast Check

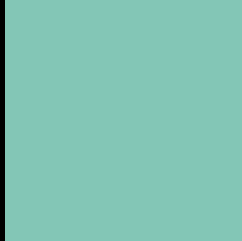
Large Text (above 18pt) WCAG AA × Fail

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 176.1430, 2.8875, -39.5904 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

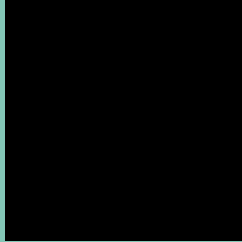
Any Text WCAG AA ✓ Pass

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 176.1430, 2.8875, -39.5904 Background



This preview shows how black text looks on a background with the YUV color 176.1430, 2.8875, -39.5904.



This preview shows how white text looks on a background with the YUV color 176.1430, 2.8875,

-39.5904.

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

176.1430, 2.8875, -39.5904

Protanopia

184.6540, -5.2524, 4.6884

Deuteranopia

186.3760, -0.1854, 12.8252



Tritanopia

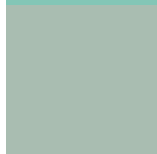
178.7810, 15.3910, -36.6419

Trichromacy



Original Color

176.1430, 2.8875, -39.5904



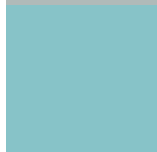
Protanomaly

181.6520, -2.2934, -11.0958



Deuteranomaly

182.8960, 1.0373, -6.0478



Tritanomaly

177.6300, 11.0284, -37.3865

Monochromacy



Original Color

176.1430, 2.8875, -39.5904



Achromatopsia

176.0000, 0.0000, 0.0000



Achromatomaly

176.1400, 0.9170, -14.1548

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.1430, 2.8875, -39.5904 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(131, 198, 182)` looks like.

```
.text, #text, p{  
    color:rgb(131, 198, 182)  
}
```

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(131, 198, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 198, 182) }
```

Border

The CSS property to change the border of an element to YUV 176.1430, 2.8875, -39.5904 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(131, 198, 182) }
```


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

```
.border{ border-color:rgb(131, 198, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 198, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 198, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 198, 182);  
box-shadow:4px 4px 4px 4px rgb(131, 198,  
182) }
```

Background

The CSS property to change the background color of an element to YUV 176.1430, 2.8875, -39.5904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 198, 182) }
```

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

```
.background{ background-color: rgb(131,  
198, 182) }
```

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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