

Converting Colors

YUV(174.1430, 2.8875,
-39.5904)

Have a look what the booklet for
YUV(174.1430, 2.8875, -39.5904)
contains.

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Color

**YUV(174.1430, 2.8875,
-39.5904)**

Conversions

Conversions Part 1

Format	Color
Hex	81C4B4
RGB	129, 196, 180
RGB Percent	51%, 77%, 71%
CMY	0.4941, 0.2314, 0.2941
CMYK	0.34, 0.00, 0.08, 0.23
HSL	166°, 36%, 64%
HSV	166°, 34%, 77%
XYZ	37.0314, 47.4423, 50.3855
YIQ	174.1430, -34.7960, -19.1800

Conversions

Conversions Part 2

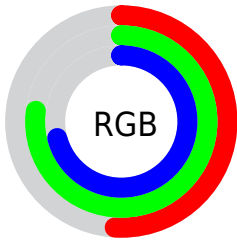
Format	Color
RYB	129, 167, 196
Decimal	8504500
CIELab	74.47, -24.78, 1.29
CIELCh	74, 24.812, 177.020
Yxy	47.4423, 0.2746, 0.3518
Android (android.graphics.Color)	4286694580 (0xFF81C4B4)
YUV	174.1430, 2.8875, -39.5904
Hunter-Lab	68.8783, -24.5693, 4.8433

Details

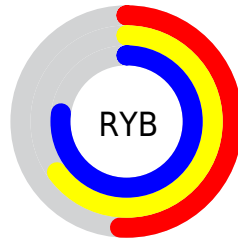
The YUV color **174.1430, 2.8875, -39.5904** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **150.8570, -2.8875, 39.5904**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.4310, 2.7455, -40.7200**, and **120.5560, 3.1769, -39.0756** is the 20% darker color. If you saturate the color by 10%, you get **167.5930, 3.6517, -51.3861**, and if you desaturate by 10%, it is **180.6930, 2.1234, -27.7948**.

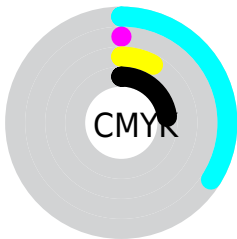
Distribution



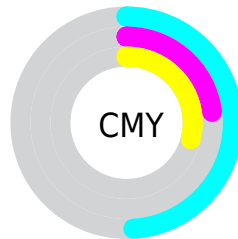
- Red (51%)
- Green (77%)
- Blue (71%)



- Red (51%)
- Yellow (65%)
- Blue (77%)



- Cyan (34%)
- Magenta (0%)
- Yellow (8%)
- Black (23%)



- Cyan (49%)
- Magenta (23%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 174.1430, 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 174.1430, 2.8875, -39.5904 by changing the saturation by 10% instead.

■ 174.1430, 2.8875,
-39.5904

■ 174.1430, 2.8875,
-39.5904

255.0000, 0.0000,
0.0000

■ 147.1430, 2.8875,
-39.5904

■ 230.4310, 2.7455,
-40.7200

■ 120.5560, 3.1769,
-39.0756

■ 242.1430, 6.3385,
-26.4354

■ 94.6700, 3.6137,
-39.1756

■ 250.8140, 2.0637,
-8.6069

■ 68.2890, 4.7875,
-42.3495

■ 45.7130, 5.0715,
-40.0903

■ 30.2910, 1.8285,
-26.5652

■ 16.0430, -1.9932,

-14.0697

■ 0.0000, 0.0000,
0.0000

■ 174.1430, 2.8875,
-39.5904

■ 174.1430, 2.8875,
-39.5904

■ 167.5930, 3.6517,
-51.3861

■ 180.6930, 2.1234,
-27.7948

■ 161.4560, 4.7052,
-62.6669

■ 186.8300, 1.0698,
-16.5139

■ 154.9060, 5.4693,
-74.4626

■ 193.3800, 0.3057,
-4.7183

■ 148.6550, 6.0861,
-85.6434

■ 199.6310, -0.3111,
6.4626

■ 142.2190, 7.2870,
-97.5391

■ 206.0670, -1.5120,
18.3582

■ 135.6690, 8.0512,
-109.3347

■ 212.6170, -2.2762,
30.1539

■ 132.0380, 8.3623,
-115.7973

■ 215.5790, -1.2714,
34.5722

■ 216.0350, 0.4757,
34.1723

■ 216.6050, 2.6597,
33.6724

Harmonies

Analogous

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



176.7510, -9.2442, -21.7066



174.1430, 2.8875, -39.5904



173.4760, 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.



174.1430, 2.8875, -39.5904



185.0380, 19.2083, -0.9103



184.2740, -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.



174.1430, 2.8875, -39.5904



150.8570, -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.



186.0820, -10.8864, 38.5161



174.1430, 2.8875, -39.5904



187.1780, 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.



174.1430, 2.8875, -39.5904



180.9210, 23.2099, -24.4867



187.1060, -0.5453, 34.9870



182.3770, -21.8779, 17.2094

Rectangle

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



174.1430, 2.8875, -39.5904



174.6810, 20.3703, -47.0782



187.1060, -0.5453, 34.9870



184.8660, -16.6959, 35.1975

Sweetspot

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



174.1430, 2.8875, -39.5904



246.8410, 1.0644, -14.7696



173.4120, -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.



174.1430, 2.8875, -39.5904



220.7550, 4.5578, -62.0521



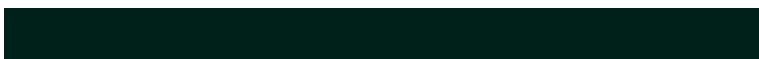
165.9880, 14.7959, -32.4385



93.7820, 0.6005, -5.9478



108.4150, 6.6974, -95.0800



22.2210, 1.3700, -19.4878

Inverse Universe

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



150.8570, -2.8875, 39.5904



184.2450, -4.5578, 62.0521



159.0120, -14.7959, 32.4385



90.3320, -0.1637, 5.8478



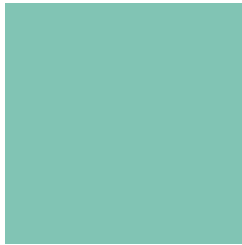
52.4710, -7.1342, 95.1799



10.7790, -1.3700, 19.4878

Previews

White Background



This preview shows how the YUV color 174.1430, 2.8875, -39.5904 looks on a white background.

Color Contrast Check

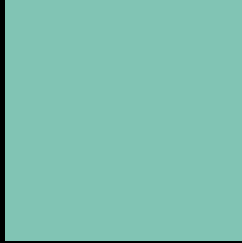
Large Text (above 18pt) WCAG AA × Fail

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 174.1430, 2.8875, -39.5904 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

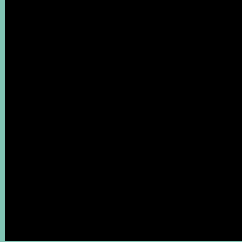
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

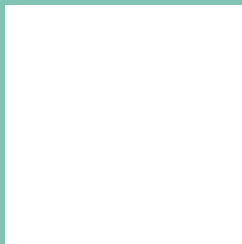
Any Text WCAG AAA ✓ Pass

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

YUV 174.1430, 2.8875, -39.5904 Background



This preview shows how black text looks on a background with the YUV color 174.1430, 2.8875, -39.5904.



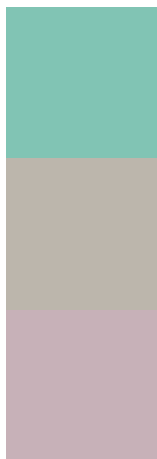
This preview shows how white text looks on a background with the YUV color 174.1430, 2.8875,

-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

174.1430, 2.8875, -39.5904

Protanopia

182.6540, -5.2524, 4.6884

Deuteranopia

184.3760, -0.1854, 12.8252



Tritanopia

176.6670, 14.9542, -36.5420

Trichromacy



Original Color

174.1430, 2.8875, -39.5904

Protanomaly

179.6520, -2.2934, -11.0958

Deuteranomaly

180.8960, 1.0373, -6.0478

Tritanomaly

175.5160, 10.5916, -37.2865

Monochromacy



Original Color

174.1430, 2.8875, -39.5904

Achromatopsia

174.0000, 0.0000, 0.0000

Achromatomaly

174.1400, 0.9170, -14.1548

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.1430, 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(129, 196, 180)` looks like.

```
.text, #text, p{  
    color:rgb(129, 196, 180)  
}
```

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, 196, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 196, 180) }
```

Border

The CSS property to change the border of an element to YUV 174.1430, 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(129, 196, 180) }
```


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

```
.border{ border-color:rgb(129, 196, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 196, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 196, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 196, 180);  
box-shadow:4px 4px 4px 4px rgb(129, 196,  
180) }
```

Background

The CSS property to change the background color of an element to YUV 174.1430, 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(129, 196, 180) }
```

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

```
.background{ background-color: rgb(129,  
196, 180) }
```

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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