

Converting Colors

YUV(176.8980, 14.3473,
-75.3325)

Have a look what the booklet for
YUV(176.8980, 14.3473, -75.3325)
contains.

YUV(176.8980, 14.3473, -75.3325)	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(176.8980, 14.3473,
-75.3325)**

Conversions

Conversions Part 1

Format	Color
Hex	5BD7CE
RGB	91, 215, 206
RGB Percent	36%, 84%, 81%
CMY	0.6431, 0.1569, 0.1922
CMYK	0.58, 0.00, 0.04, 0.16
HSL	176°, 61%, 60%
HSV	176°, 58%, 84%
XYZ	39.7554, 55.2813, 66.9675
YIQ	176.8980, -71.0150, -29.0870

Conversions

Conversions Part 2

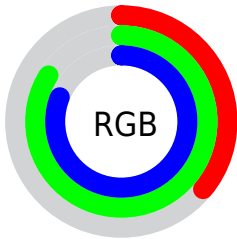
Format	Color
RYB	91, 155, 215
Decimal	6019022
CIELab	79.20, -36.43, -5.94
CIELCh	79, 36.910, 189.263
Yxy	55.2813, 0.2454, 0.3412
Android (android.graphics.Color)	4284209102 (0xFF5BD7CE)
YUV	176.8980, 14.3473, -75.3325
Hunter-Lab	74.3514, -34.6716, -1.3560

Details

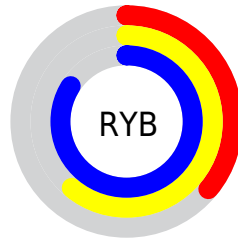
The YUV color **176.8980, 14.3473, -75.3325** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **129.1020, -14.3473, 75.3325**, and the grayscale version is **177.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.2030, 15.1829, -63.3220**, and **111.2480, 20.0907, -97.5645** is the 20% darker color. If you saturate the color by 10%, you get **170.3910, 16.5692, -88.0429**, and if you desaturate by 10%, it is **183.7040, 11.9779, -62.0074**.

Distribution



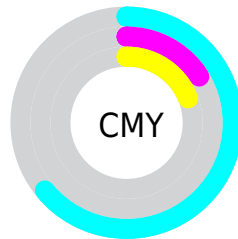
- Red (36%)
- Green (84%)
- Blue (81%)



- Red (36%)
- Yellow (61%)
- Blue (84%)



- Cyan (58%)
- Magenta (0%)
- Yellow (4%)
- Black (16%)



- Cyan (64%)
- Magenta (16%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 176.8980, 14.3473, -75.3325 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 176.8980, 14.3473, -75.3325 by changing the saturation by 10% instead.

■ 176.8980, 14.3473,
-75.3325

■ 176.8980, 14.3473,
-75.3325

255.0000, 0.0000,
0.0000

■ 147.2180, 15.6685,
-79.1212

■ 224.2030, 15.1829,
-63.3220

■ 111.2480, 20.0907,
-97.5645

■ 233.1730, 10.7607,
-44.8787

■ 92.4350, 16.5475,
-81.0655

■ 242.1430, 6.3385,
-26.4354

■ 74.3230, 13.1518,
-65.1813

■ 251.1130, 1.9163,
-7.9921

■ 56.9120, 9.9034,
-49.9118

■ 40.2020, 6.8024,
-35.2572

■ 26.0680, 3.4175,

-22.8616

■ 1.2540, 4.8048,
-1.0998

■ 0.0000, 0.0000,
0.0000

■ 176.8980, 14.3473,
-75.3325

■ 176.8980, 14.3473,
-75.3325

■ 170.3910, 16.5692,
-88.0429

■ 183.7040, 11.9779,
-62.0074

■ 163.6990, 19.3754,
-101.4680

■ 190.0970, 9.3192,
-49.1971

■ 157.1920, 21.5973,
-114.1784

■ 196.9030, 6.9498,
-35.8719

■ 150.5000, 24.4035,
-127.6035

■ 203.2960, 4.2911,
-23.0616

■ 148.8910, 24.7037,
-130.5774

■ 210.1020, 1.9217,
-9.7365

■ 216.4950, -0.7370,
3.0739

■ 223.3010, -3.1064,
16.3990

■ 227.3020, -4.5859,
24.2911

■ 227.5300, -3.7123,
24.0912

Harmonies

Analogous

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



183.3950, -6.1107, -46.8274



176.8980, 14.3473, -75.3325



175.3000, 31.4041, -86.2091

Triad

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



176.8980, 14.3473, -75.3325



199.7930, 24.2591, 12.4595



196.1040, -31.1103, 38.4968

Complementary

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



176.8980, 14.3473, -75.3325



129.1020, -14.3473, 75.3325

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.



196.5260, -20.9653, 51.2817



176.8980, 14.3473, -75.3325



200.8970, 9.9108, 41.3093

Square

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



176.8980, 14.3473, -75.3325



193.7560, 30.1933, -24.3420



197.3530, -5.1040, 50.5564



192.7220, -31.9079, 14.2758

Rectangle

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



176.8980, 14.3473, -75.3325



180.6420, 36.1655, -73.3540



197.3530, -5.1040, 50.5564



196.7180, -28.9480, 44.9743

Sweetspot

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



176.8980, 14.3473, -75.3325



241.8010, 5.0281, -26.1355



166.7780, -37.3586, -57.6873



119.9980, 2.9590, -15.7842



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.



176.8980, 14.3473, -75.3325



200.8940, 20.2653, -106.9010



147.4000, 33.3268, -49.4628



103.5970, 1.1847, -6.6626



118.3890, 19.5282, -103.8272



29.8010, 5.0281, -26.1355

Inverse Universe

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



129.1020, -14.3473, 75.3325



133.1060, -20.2653, 106.9010



158.6000, -33.3268, 49.4628



99.4030, -1.1847, 6.6626



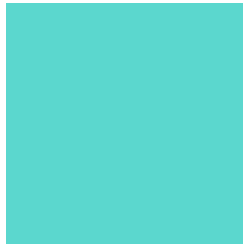
52.4970, -19.9650, 103.9271



13.1990, -5.0281, 26.1355

Previews

White Background



This preview shows how the YUV color 176.8980, 14.3473, -75.3325 looks on a white background.

Color Contrast Check

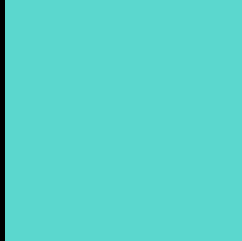
Large Text (above 18pt) WCAG AA × Fail

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 176.8980, 14.3473, -75.3325 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

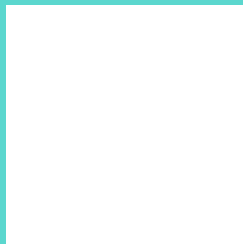
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 176.8980, 14.3473, -75.3325

Background



This preview shows how black text looks on a background with the YUV color 176.8980, 14.3473, -75.3325.



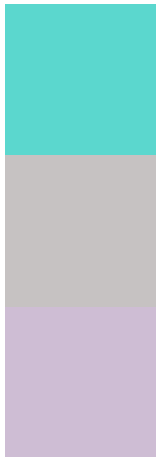
This preview shows how white text looks on a background with the YUV color 176.8980, 14.3473, -75.3325.

-75.3325.

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

176.8980, 14.3473, -75.3325

Protanopia

195.1960, -0.5896, 2.4591

Deuteranopia

196.7050, 7.5404, 8.1517



Tritanopia

180.4500, 23.9352, -70.5546

Trichromacy



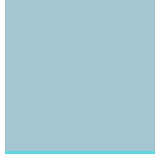
Original Color

176.8980, 14.3473, -75.3325



Protanomaly

188.6870, 4.5913, -26.0355



Deuteranomaly

189.2020, 10.2534, -22.1022



Tritanomaly

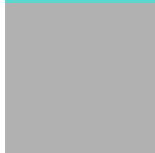
179.2280, 20.5936, -72.1140

Monochromacy



Original Color

176.8980, 14.3473, -75.3325



Achromatopsia

177.0000, 0.0000, 0.0000



Achromatomaly

177.2030, 5.3229, -27.3650

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.8980, 14.3473, -75.3325 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(91, 215, 206)` looks like.

```
.text, #text, p{  
    color:rgb(91, 215, 206)  
}
```

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(91, 215, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 215, 206) }
```

Border

The CSS property to change the border of an element to YUV 176.8980, 14.3473, -75.3325 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(91, 215, 206) }
```


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

```
.border{ border-color:rgb(91, 215, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 215, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(91, 215, 206); -webkit-box-shadow:4px 4px 4px 4px rgb(91, 215, 206); box-shadow:4px 4px 4px 4px rgb(91, 215, 206) }
```

Background

The CSS property to change the background color of an element to YUV 176.8980, 14.3473, -75.3325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 215, 206) }
```

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

```
.background{ background-color: rgb(91, 215,  
206) }
```

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