

Converting Colors

YUV(176.2800, 8.2430,
-77.4216)

Have a look what the booklet for
YUV(176.2800, 8.2430, -77.4216)
contains.

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Color

**YUV(176.2800, 8.2430,
-77.4216)**

Conversions

Conversions Part 1

Format	Color
Hex	58DAC1
RGB	88, 218, 193
RGB Percent	35%, 85%, 76%
CMY	0.6549, 0.1451, 0.2431
CMYK	0.60, 0.00, 0.11, 0.15
HSL	168°, 64%, 60%
HSV	168°, 60%, 85%
XYZ	38.7215, 56.0678, 59.2334
YIQ	176.2800, -69.4550, -35.3350

Conversions

Conversions Part 2

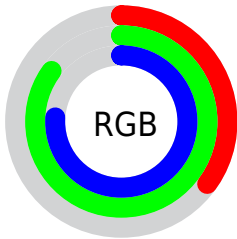
Format	Color
RYB	88, 160, 218
Decimal	5823169
CIELab	79.65, -41.64, 1.65
CIELCh	80, 41.668, 177.730
Yxy	56.0678, 0.2514, 0.3640
Android (android.graphics.Color)	4284013249 (0xFF58DAC1)
YUV	176.2800, 8.2430, -77.4216
Hunter-Lab	74.8784, -38.7303, 5.5129

Details

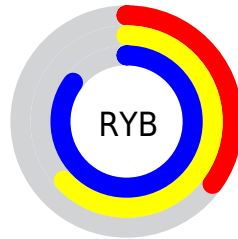
The YUV color **176.2800, 8.2430, -77.4216** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **129.7200, -8.2430, 77.4216**, and the grayscale version is **176.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.6220, 13.0044, -64.5665**, and **111.0540, 14.2704, -97.3944** is the 20% darker color. If you saturate the color by 10%, you get **169.2460, 9.7387, -90.5467**, and if you desaturate by 10%, it is **183.3140, 6.7472, -64.2964**.

Distribution



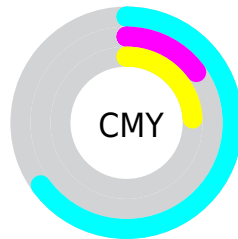
- Red (35%)
- Green (85%)
- Blue (76%)



- Red (35%)
- Yellow (63%)
- Blue (85%)



- Cyan (60%)
- Magenta (0%)
- Yellow (11%)
- Black (15%)



- Cyan (65%)
- Magenta (15%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 176.2800, 8.2430, -77.4216 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 176.2800, 8.2430, -77.4216 by changing the saturation by 10% instead.

■ 176.2800, 8.2430,
-77.4216

■ 176.2800, 8.2430,
-77.4216

255.0000, 0.0000,
0.0000

■ 146.3010, 9.7116,
-81.8250

■ 222.6220, 13.0044,
-64.5665

■ 111.0540, 14.2704,
-97.3944

■ 232.2760, 11.2029,
-46.7231

■ 92.8280, 10.4378,
-81.4102

■ 241.2460, 6.7807,
-28.2797

■ 74.8300, 7.4788,
-65.6259

■ 250.2160, 2.3585,
-9.8364

■ 56.8320, 4.5198,
-49.8417

■ 40.2360, 1.8557,
-35.2870

■ 25.6290, -0.8031,

-22.4766

■ 0.0000, 0.0000,
0.0000

■ 176.2800, 8.2430,
-77.4216

■ 176.2800, 8.2430,
-77.4216

■ 169.2460, 9.7387,
-90.5467

■ 183.3140, 6.7472,
-64.2964

■ 162.2120, 11.2345,
-103.6719

■ 190.3480, 5.2514,
-51.1712

■ 155.3630, 12.1460,
-116.0824

■ 197.1970, 4.3399,
-38.7608

■ 148.3290, 13.6418,
-129.2075

■ 204.2310, 2.8441,
-25.6356

■ 148.0300, 13.7892,
-129.8223

■ 211.2650, 1.3484,
-12.5104

■ 218.2990, -0.1474,
0.6148

■ 225.3330, -1.6432,
13.7400

■ 230.0890, -1.5229,
21.8469

■ 230.5450, 0.2243,
21.4470

Harmonies

Analogous

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



185.1480, -14.8630, -39.5948



176.2800, 8.2430, -77.4216



164.2920, 33.3800, -113.3891

Triad

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



176.2800, 8.2430, -77.4216



198.6280, 27.7914, -0.5508



197.6540, -31.8744, 50.2924

Complementary

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



176.2800, 8.2430, -77.4216



129.7200, -8.2430, 77.4216

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.



194.6170, -15.5872, 52.9559



176.2800, 8.2430, -77.4216



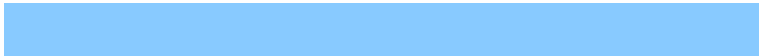
202.9270, 17.7840, 36.0210

Square

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



176.2800, 8.2430, -77.4216



188.3080, 32.8792, -45.8741



197.3020, 2.3161, 50.6011



195.0180, -37.4769, 27.1712

Rectangle

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



176.2800, 8.2430, -77.4216



168.9150, 41.9469, -107.7965



197.3020, 2.3161, 50.6011



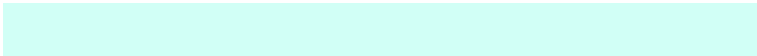
195.7450, -26.4963, 51.9666

Sweetspot

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



176.2800, 8.2430, -77.4216



240.2200, 2.8495, -27.3799



172.0840, -41.4534, -50.9397



118.6450, 1.6540, -17.2287



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.



176.2800, 8.2430, -77.4216



195.9940, 11.8350, -109.6197



156.2370, 30.4492, -59.8438



106.4830, 0.7479, -6.5626



117.5110, 11.0871, -103.0571



31.2200, 2.8495, -27.3799

Inverse Universe

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



129.7200, -8.2430, 77.4216



130.1200, -11.3982, 109.5198



149.7630, -30.4492, 59.8438



102.5170, -0.7479, 6.5626



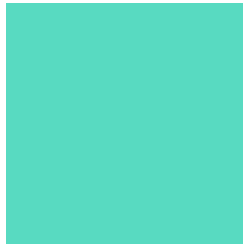
55.4890, -11.0871, 103.0571



14.7800, -2.8495, 27.3799

Previews

White Background



This preview shows how the YUV color 176.2800, 8.2430, -77.4216 looks on a white background.

Color Contrast Check

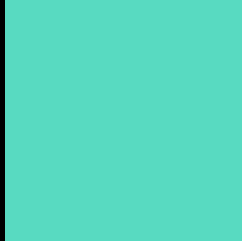
Large Text (above 18pt) WCAG AA × Fail

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 176.2800, 8.2430, -77.4216 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

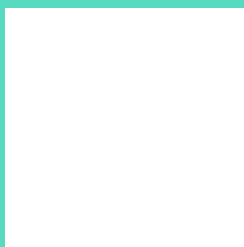
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 176.2800, 8.2430, -77.4216

Background



This preview shows how black text looks on a background with the YUV color 176.2800, 8.2430, -77.4216.



This preview shows how white text looks on a background with the YUV color 176.2800, 8.2430,

-77.4216.

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

176.2800, 8.2430, -77.4216

Protanopia

195.7960, -7.2944, 6.3179

Deuteranopia

197.9030, 0.5408, 13.2401



Tritanopia

181.7490, 23.7877, -69.9399

Trichromacy



Original Color

176.2800, 8.2430, -77.4216



Protanomaly

188.3900, -1.6713, -24.0210



Deuteranomaly

190.0900, 3.4066, -19.3729



Tritanomaly

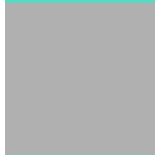
179.9460, 18.2676, -72.7436

Monochromacy



Original Color

176.2800, 8.2430, -77.4216



Achromatopsia

176.0000, 0.0000, 0.0000



Achromatomaly

175.9210, 2.9969, -27.9947

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.2800, 8.2430, -77.4216 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(88, 218, 193)` looks like.

```
.text, #text, p{  
    color:rgb(88, 218, 193)  
}
```

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(88, 218, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 218, 193) }
```

Border

The CSS property to change the border of an element to YUV 176.2800, 8.2430, -77.4216 is called "border". The border property can be set on classes, ids or directly on the HTML element.

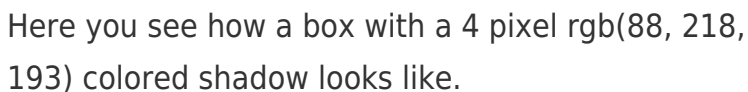
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(88, 218, 193) }
```


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

```
.border{ border-color:rgb(88, 218, 193) }
```

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



Here you see how a box with a 4 pixel `rgb(88, 218, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(88, 218, 193); -webkit-box-shadow:4px 4px 4px 4px rgb(88, 218, 193); box-shadow:4px 4px 4px 4px rgb(88, 218, 193) }
```

Background

The CSS property to change the background color of an element to YUV 176.2800, 8.2430, -77.4216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 218, 193) }
```

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

```
.background{ background-color: rgb(88, 218,  
193) }
```

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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