

Converting Colors

YUV(175.8240, 6.4958,
-77.0216)

Have a look what the booklet for
YUV(175.8240, 6.4958, -77.0216)
contains.

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Color

**YUV(175.8240, 6.4958,
-77.0216)**

Conversions

Conversions Part 1

Format	Color
Hex	58DABD
RGB	88, 218, 189
RGB Percent	35%, 85%, 74%
CMY	0.6549, 0.1451, 0.2588
CMYK	0.60, 0.00, 0.13, 0.15
HSL	167°, 64%, 60%
HSV	167°, 60%, 85%
XYZ	38.2812, 55.8916, 56.9146
YIQ	175.8240, -68.1710, -36.5790

Conversions

Conversions Part 2

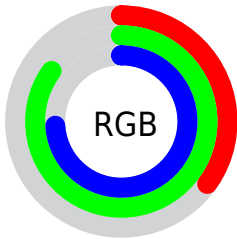
Format	Color
RYB	88, 161, 218
Decimal	5823165
CIELab	79.55, -42.61, 3.64
CIELCh	80, 42.769, 175.122
Yxy	55.8916, 0.2534, 0.3699
Android (android.graphics.Color)	4284013245 (0xFF58DABD)
YUV	175.8240, 6.4958, -77.0216
Hunter-Lab	74.7607, -39.4303, 7.1956

Details

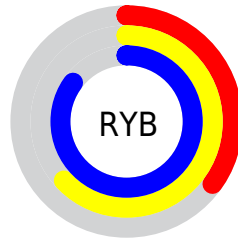
The YUV color **175.8240, 6.4958, -77.0216** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **130.1760, -6.4958, 77.0216**, and the grayscale version is **176.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.1660, 11.2572, -64.1666**, and **110.5980, 12.5232, -96.9944** is the 20% darker color. If you saturate the color by 10%, you get **168.6760, 7.5547, -90.0469**, and if you desaturate by 10%, it is **182.9720, 5.4368, -63.9964**.

Distribution



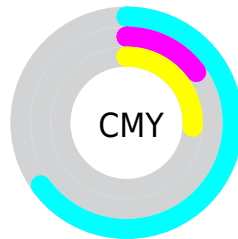
- Red (35%)
- Green (85%)
- Blue (74%)



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



- Cyan (60%)
- Magenta (0%)
- Yellow (13%)
- Black (15%)



- Cyan (65%)
- Magenta (15%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 175.8240, 6.4958, -77.0216 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 175.8240, 6.4958, -77.0216 by changing the saturation by 10% instead.

■ 175.8240, 6.4958,
-77.0216

■ 175.8240, 6.4958,
-77.0216

255.0000, 0.0000,
0.0000

■ 145.8450, 7.9644,
-81.4251

■ 222.1660, 11.2572,
-64.1666

■ 110.5980, 12.5232,
-96.9944

■ 232.2760, 11.2029,
-46.7231

■ 91.7850, 8.9800,
-80.4954

■ 241.2460, 6.7807,
-28.2797

■ 73.7870, 6.0210,
-64.7112

■ 250.2160, 2.3585,
-9.8364

■ 56.4900, 3.2094,
-49.5417

■ 39.8940, 0.5453,
-34.9870

■ 25.2870, -2.1135,

-22.1767

■ 0.0000, 0.0000,
0.0000

■ 175.8240, 6.4958,
-77.0216

■ 175.8240, 6.4958,
-77.0216

■ 168.6760, 7.5547,
-90.0469

■ 182.9720, 5.4368,
-63.9964

■ 161.5280, 8.6137,
-103.0721

■ 190.1200, 4.3778,
-50.9712

■ 154.6790, 9.5253,
-115.4825

■ 196.9690, 3.4663,
-38.5608

■ 147.6450, 11.0210,
-128.6077

■ 204.0030, 1.9705,
-25.4356

■ 147.2320, 10.7316,
-129.1225

■ 211.1510, 0.9116,
-12.4104

■ 218.2990, -0.1474,
0.6148

■ 225.4470, -1.2064,
13.6400

■ 230.2030, -1.0861,
21.7470

■ 230.7730, 1.0979,
21.2471

Harmonies

Analogous

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



185.1760, -17.3418, -37.8654



175.8240, 6.4958, -77.0216



159.2690, 34.8704, -124.7699

Triad

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



175.8240, 6.4958, -77.0216



197.4210, 28.3864, -4.7542



196.4800, -31.2956, 51.3220

Complementary

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



175.8240, 6.4958, -77.0216



130.1760, -6.4958, 77.0216

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.



193.6710, -14.1348, 53.7855



175.8240, 6.4958, -77.0216



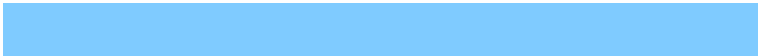
202.4860, 19.9734, 33.7768

Square

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



175.8240, 6.4958, -77.0216



186.2040, 33.9164, -51.9219



197.0570, 3.9159, 50.8160



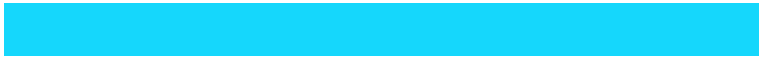
195.1000, -38.5033, 29.7303

Rectangle

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



175.8240, 6.4958, -77.0216



161.2120, 44.7585, -122.9659



197.0570, 3.9159, 50.8160



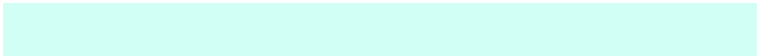
194.5710, -25.9175, 52.9962

Sweetspot

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



175.8240, 6.4958, -77.0216



240.1060, 2.4127, -27.2800



173.2800, -42.0430, -48.4806



118.5310, 1.2172, -17.1287



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.



175.8240, 6.4958, -77.0216



195.3100, 9.2142, -109.0199



158.5850, 29.2916, -61.9030



106.3690, 0.3111, -6.4626



116.9410, 8.9031, -102.5573



31.1060, 2.4127, -27.2800

Inverse Universe

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



130.1760, -6.4958, 77.0216



130.6900, -9.2142, 109.0199



147.4150, -29.2916, 61.9030



102.5170, -0.7479, 6.5626



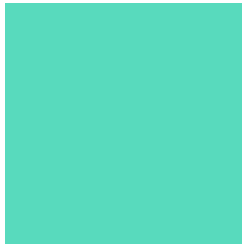
56.1730, -8.4663, 102.4573



14.8940, -2.4127, 27.2800

Previews

White Background



This preview shows how the YUV color 175.8240, 6.4958, -77.0216 looks on a white background.

Color Contrast Check

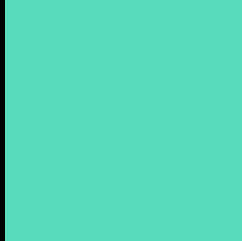
Large Text (above 18pt) WCAG AA × Fail

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 175.8240, 6.4958, -77.0216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

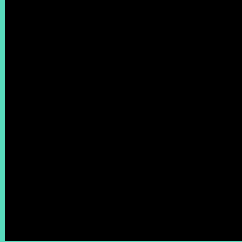
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

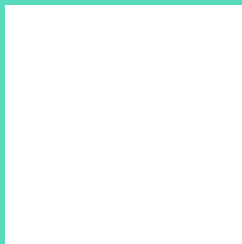
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 175.8240, 6.4958, -77.0216

Background



This preview shows how black text looks on a background with the YUV color 175.8240, 6.4958, -77.0216.



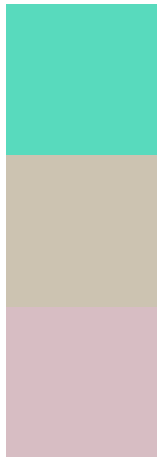
This preview shows how white text looks on a background with the YUV color 175.8240, 6.4958, -77.0216.

-77.0216.

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

175.8240, 6.4958, -77.0216

Protanopia

195.6390, -9.1890, 7.3326

Deuteranopia

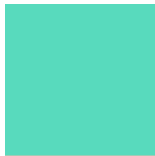
197.4580, -1.2118, 15.3843



Tritanopia

181.3470, 23.4929, -68.7103

Trichromacy



Original Color

175.8240, 6.4958, -77.0216



Protanomaly

188.2330, -3.5659, -23.0063



Deuteranomaly

189.9330, 1.5120, -18.3582



Tritanomaly

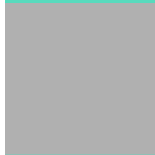
179.3160, 17.0992, -71.3141

Monochromacy



Original Color

175.8240, 6.4958, -77.0216



Achromatopsia

176.0000, 0.0000, 0.0000



Achromatomaly

175.8070, 2.5601, -27.8947

CSS Examples

Text

The CSS property to change the color of the text to YUV 175.8240, 6.4958, -77.0216 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, 189)` looks like.

```
.text, #text, p{  
    color:rgb(88, 218, 189)  
}
```

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, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 218, 189) }
```

Border

The CSS property to change the border of an element to YUV 175.8240, 6.4958, -77.0216 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, 189) }
```


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

```
.border{ border-color:rgb(88, 218, 189) }
```

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, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 218, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 218, 189);  
box-shadow:4px 4px 4px 4px rgb(88, 218,  
189) }
```

Background

The CSS property to change the background color of an element to YUV 175.8240, 6.4958, -77.0216 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, 189) }
```

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

```
.background{ background-color: rgb(88, 218,  
189) }
```

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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