

Converting Colors

YUV(173.5800, -17.0479,
-85.5777)

Have a look what the booklet for
YUV(173.5800, -17.0479, -85.5777)
contains.

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Color

**YUV(173.5800, -17.0479,
-85.5777)**

Conversions

Conversions Part 1

Format	Color
Hex	4CE68B
RGB	76, 230, 139
RGB Percent	30%, 90%, 55%
CMY	0.7020, 0.0980, 0.4549
CMYK	0.67, 0.00, 0.40, 0.10
HSL	145°, 75%, 60%
HSV	145°, 67%, 90%
XYZ	35.9375, 59.9942, 34.1120
YIQ	173.5800, -62.5730, -60.9490

Conversions

Conversions Part 2

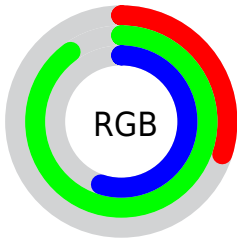
Format	Color
RYB	76, 185, 230
Decimal	5039755
CIELab	81.84, -60.15, 32.85
CIELCh	82, 68.533, 151.362
Yxy	59.9942, 0.2763, 0.4613
Android (android.graphics.Color)	4283229835 (0xFF4CE68B)
YUV	173.5800, -17.0479, -85.5777
Hunter-Lab	77.4559, -52.7286, 28.1075

Details

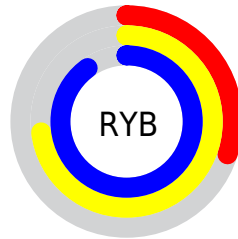
The YUV color **173.5800, -17.0479, -85.5777** is a dark color, and the websafe version is hex **66FF99**. The color can be described as middle muted spring green. A complement of this color would be **132.4200, 17.0479, 85.5777**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.8460, -10.2771, -63.8859**, and **111.5830, -11.6264, -97.8583** is the 20% darker color. If you saturate the color by 10%, you get **165.1070, -19.7728, -98.3178**, and if you desaturate by 10%, it is **182.0530, -14.3231, -72.8375**.

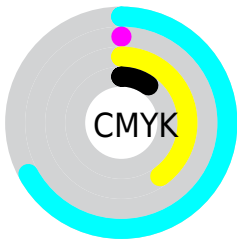
Distribution



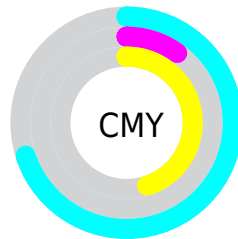
- Red (30%)
- Green (90%)
- Blue (55%)



- Red (30%)
- Yellow (73%)
- Blue (90%)



- Cyan (67%)
- Magenta (0%)
- Yellow (40%)
- Black (10%)



- Cyan (70%)
- Magenta (10%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.5800, -17.0479, -85.5777 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 173.5800, -17.0479, -85.5777 by changing the saturation by 10% instead.

173.5800,
-17.0479, -85.5777

173.5800,
-17.0479, -85.5777

255.0000, 0.0000,
0.0000

140.7360,
-13.6738, -94.4845

213.8460,
-10.2771, -63.8859

111.5830,
-11.6264, -97.8583

226.0080, -2.4689,
-48.2420

92.8840, -14.7328,
-81.4593

238.5830, 5.6286,
-32.0833

74.2990, -17.4024,
-65.1602

248.1230, 3.3904,
-14.1399

56.3010, -20.3614,
-49.3760

39.9160, -19.6786,
-35.0063

26.4150, -13.0226,

-23.1660

■ 7.0440, -3.4727,
-6.1776

■ 0.0000, 0.0000,
0.0000

■ 173.5800,
-17.0479, -85.5777

■ 173.5800,
-17.0479, -85.5777

■ 165.1070,
-19.7728, -98.3178

■ 182.0530,
-14.3231, -72.8375

■ 156.7480,
-22.0608, -111.1580

■ 190.4120,
-12.0351, -59.9973

■ 148.2750,
-24.7856, -123.8982

■ 198.8850, -9.3103,
-47.2571

■ 145.7260,
-25.5009, -127.8017


■ 207.2440, -7.0223,
-34.4170

 215.7170, -4.2975,
-21.6768

 224.1900, -1.5727,
-8.9366

 232.5490, 0.7153,
3.9035

 239.5270, 4.1772,
13.5698

 240.3250, 7.2348,
12.8700

Harmonies

Analogous

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



189.3010, -50.4344, -16.9270



173.5800, -17.0479, -85.5777



161.2010, 21.0999, -141.3733

Triad

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



173.5800, -17.0479, -85.5777



169.3830, 42.2092, -98.5599



182.6030, -21.0033, 63.4922

Complementary

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



173.5800, -17.0479, -85.5777



132.4200, 17.0479, 85.5777

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.



184.5020, 9.1195, 61.8267



173.5800, -17.0479, -85.5777



200.1560, 27.0381, 7.7562

Square

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



173.5800, -17.0479, -85.5777



161.7320, 45.9811, -141.8390



198.6480, 27.7815, 49.4207



190.4040, -49.4992, 56.6507

Rectangle

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



173.5800, -17.0479, -85.5777



166.2170, 40.3190, -145.7723



198.6480, 27.7815, 49.4207



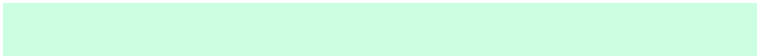
181.9480, -10.8204, 64.0666

Sweetspot

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



173.5800, -17.0479, -85.5777



236.3310, -5.5862, -28.3543



193.9060, -58.1277, -22.7196



116.5650, -3.7295, -17.1585



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.



173.5800, -17.0479, -85.5777



180.2100, -22.7815, -113.3172



182.2440, 16.1487, -93.1760



110.6140, -1.2887, -6.6775



113.3950, -19.9147, -99.4474



32.3310, -5.5862, -28.3543

Inverse Universe

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



132.4200, 17.0479, 85.5777



125.7900, 22.7815, 113.3172



123.7560, -16.1487, 93.1760



107.3860, 1.2887, 6.6775



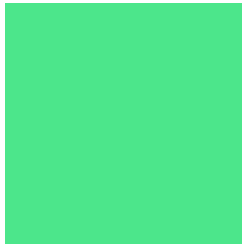
65.4910, 19.4779, 99.5474



18.6690, 5.5862, 28.3543

Previews

White Background



This preview shows how the YUV color 173.5800, -17.0479, -85.5777 looks on a white background.

Color Contrast Check

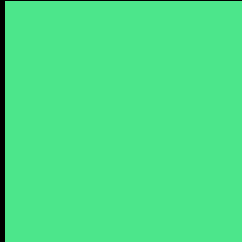
Large Text (above 18pt) WCAG AA × Fail

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 173.5800, -17.0479, -85.5777 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 173.5800, -17.0479, -85.5777 Background



This preview shows how black text looks on a background with the YUV color 173.5800, -17.0479, -85.5777.



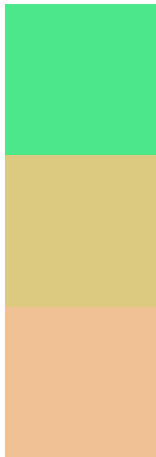
This preview shows how white text looks on a background with the YUV color 173.5800, -17.0479, -85.5777.

-85.5777.

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

173.5800, -17.0479, -85.5777

Protanopia

198.9460, -34.9764, 18.4644

Deuteranopia

201.6240, -26.4366, 32.7788



Tritanopia

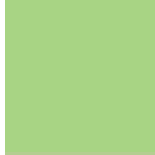
187.4610, 23.9297, -68.8103

Trichromacy



Original Color

173.5800, -17.0479, -85.5777



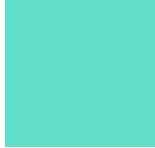
Protanomaly

189.7240, -28.4579, -19.0519



Deuteranomaly

191.2720, -22.8121, -9.8855



Tritanomaly

182.2310, 9.2531, -74.7476

Monochromacy



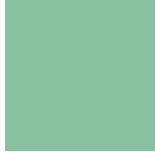
Original Color

173.5800, -17.0479, -85.5777



Achromatopsia

174.0000, 0.0000, 0.0000



Achromatomaly

173.4940, -6.1595, -31.1282

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.5800, -17.0479, -85.5777 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(76, 230, 139)` looks like.

```
.text, #text, p{  
    color:rgb(76, 230, 139)  
}
```

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(76, 230, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 230, 139) }
```

Border

The CSS property to change the border of an element to YUV 173.5800, -17.0479, -85.5777 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(76, 230, 139) }
```


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

```
.border{ border-color:rgb(76, 230, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 230, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 230, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 230, 139);  
box-shadow:4px 4px 4px 4px rgb(76, 230,  
139) }
```

Background

The CSS property to change the background color of an element to YUV 173.5800, -17.0479, -85.5777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 230, 139) }
```

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

```
.background{ background-color: rgb(76, 230,  
139) }
```

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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