

Converting Colors

YUV(169.7580, 6.5283,
-87.4878)

Have a look what the booklet for
YUV(169.7580, 6.5283, -87.4878)
contains.

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Color

**YUV(169.7580, 6.5283,
-87.4878)**

Conversions

Conversions Part 1

Format	Color
Hex	46DAB7
RGB	70, 218, 183
RGB Percent	27%, 85%, 72%
CMY	0.7255, 0.1451, 0.2824
CMYK	0.68, 0.00, 0.16, 0.15
HSL	166°, 67%, 56%
HSV	166°, 68%, 85%
XYZ	36.1444, 54.8638, 53.4845
YIQ	169.7580, -76.9730, -42.2610

Conversions

Conversions Part 2

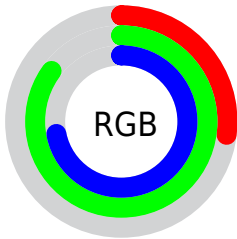
Format	Color
RYB	70, 154, 218
Decimal	4643511
CIELab	78.96, -47.08, 5.92
CIELCh	79, 47.447, 172.827
Yxy	54.8638, 0.2501, 0.3797
Android (android.graphics.Color)	4282833591 (0xFF46DAB7)
YUV	169.7580, 6.5283, -87.4878
Hunter-Lab	74.0701, -42.5189, 9.0370

Details

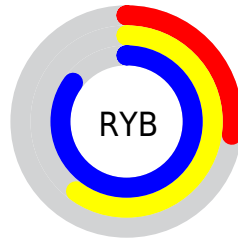
The YUV color **169.7580, 6.5283, -87.4878** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **118.2420, -6.5283, 87.4878**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.2960, 10.7001, -72.1736**, and **109.9140, 9.9024, -96.3946** is the 20% darker color. If you saturate the color by 10%, you get **162.6100, 7.5873, -100.5130**, and if you desaturate by 10%, it is **176.9060, 5.4693, -74.4626**.

Distribution



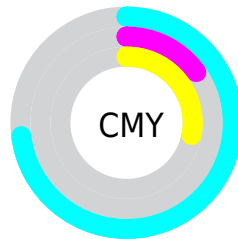
- Red (27%)
- Green (85%)
- Blue (72%)



- Red (27%)
- Yellow (60%)
- Blue (85%)



- Cyan (68%)
- Magenta (0%)
- Yellow (16%)
- Black (15%)



- Cyan (73%)
- Magenta (15%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YUV color 169.7580, 6.5283, -87.4878 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 169.7580, 6.5283, -87.4878 by changing the saturation by 10% instead.

169.7580, 6.5283,
-87.4878

169.7580, 6.5283,
-87.4878

255.0000, 0.0000,
0.0000

136.1910, 9.7658,
-99.2685

217.2960, 10.7001,
-72.1736

109.9140, 9.9024,
-96.3946

228.3890, 13.1192,
-54.7152

91.2150, 6.7960,
-79.9956

237.3590, 8.6970,
-36.2718

73.2170, 3.8370,
-64.2113

246.6280, 4.1274,
-17.2138

55.9200, 1.0254,
-49.0418

38.7370, -1.3493,
-33.9723

24.1300, -4.0081,

-21.1620

■ 0.0000, 0.0000,
0.0000

■ 169.7580, 6.5283,
-87.4878

■ 169.7580, 6.5283,
-87.4878

■ 162.6100, 7.5873,
-100.5130

■ 176.9060, 5.4693,
-74.4626

■ 155.4620, 8.6462,
-113.5382

■ 184.0540, 4.4104,
-61.4374


■ 148.6130, 9.5578,
-125.9486

■ 190.9030, 3.4988,
-49.0269


■ 146.8900, 9.4212,
-128.8225


■ 198.1650, 2.8767,
-36.1017

■ 205.3130, 1.8177,
-23.0765

 212.4610, 0.7587,
-10.0513

 219.6090, -0.3002,
2.9739

 226.4580, -1.2118,
15.3843

 230.3170, -0.6493,
21.6470

Harmonies

Analogous

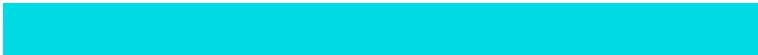
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



182.2530, -20.8307, -38.8099



169.7580, 6.5283, -87.4878



153.9580, 36.5027, -135.0212

Triad

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



169.7580, 6.5283, -87.4878



194.4420, 29.8551, -9.1576



192.8610, -32.4695, 54.4959

Complementary

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



169.7580, 6.5283, -87.4878



118.2420, -6.5283, 87.4878

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.



190.0350, -12.8353, 56.9743



169.7580, 6.5283, -87.4878



201.4090, 23.4624, 34.7213

Square

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



169.7580, 6.5283, -87.4878



179.3270, 37.3068, -66.0618



194.4640, 6.6732, 53.0901



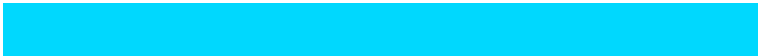
192.8080, -42.3033, 35.2484

Rectangle

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



169.7580, 6.5283, -87.4878



155.7480, 48.4382, -136.5910



194.4640, 6.6732, 53.0901



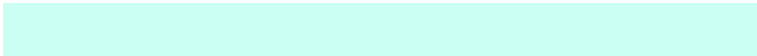
191.0660, -26.6545, 56.0701

Sweetspot

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



169.7580, 6.5283, -87.4878



238.3830, 2.2762, -30.1539



167.9390, -48.2839, -53.4435



117.8190, 1.0752, -18.2583



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.



169.7580, 6.5283, -87.4878



187.5210, 9.1101, -122.3599



152.0290, 32.5237, -71.9394



106.3690, 0.3111, -6.4626



116.5990, 7.5927, -102.2573



30.9920, 1.9759, -27.1800

Inverse Universe

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



118.2420, -6.5283, 87.4878



115.4790, -9.1101, 122.3599



135.9710, -32.5237, 71.9394



102.5170, -0.7479, 6.5626



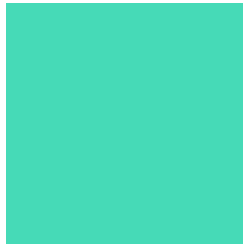
56.4010, -7.5927, 102.2573



15.0080, -1.9759, 27.1800

Previews

White Background



This preview shows how the YUV color 169.7580, 6.5283, -87.4878 looks on a white background.

Color Contrast Check

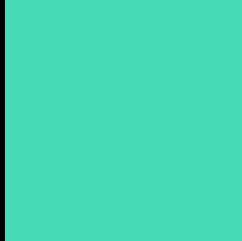
Large Text (above 18pt) WCAG AA × Fail

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 169.7580, 6.5283, -87.4878 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

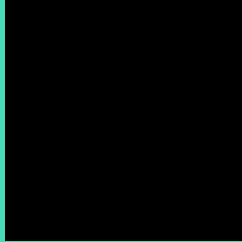
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

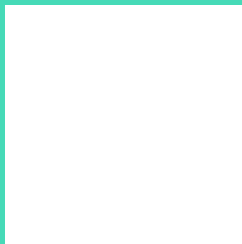
Any Text WCAG AAA ✓ Pass

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

YUV 169.7580, 6.5283, -87.4878 Background



This preview shows how black text looks on a background with the YUV color 169.7580, 6.5283, -87.4878.



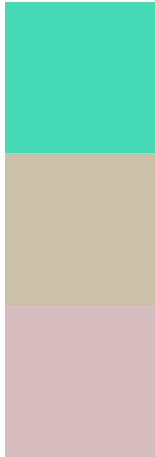
This preview shows how white text looks on a background with the YUV color 169.7580, 6.5283, -87.4878.

-87.4878.

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

169.7580, 6.5283, -87.4878

Protanopia

193.3680, -11.5204, 8.4473

Deuteranopia

196.0020, -2.9590, 15.7842



Tritanopia

177.7590, 25.2618, -76.0876

Trichromacy



Original Color

169.7580, 6.5283, -87.4878



Protanomaly

184.8690, -4.8654, -26.1951



Deuteranomaly

186.5690, 0.2125, -21.5470



Tritanomaly

174.6030, 18.4367, -80.3358

Monochromacy



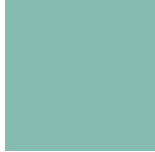
Original Color

169.7580, 6.5283, -87.4878



Achromatopsia

170.0000, 0.0000, 0.0000



Achromatomaly

169.7850, 2.5710, -31.3834

CSS Examples

Text

The CSS property to change the color of the text to YUV 169.7580, 6.5283, -87.4878 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(70, 218, 183)` looks like.

```
.text, #text, p{  
    color:rgb(70, 218, 183)  
}
```

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(70, 218, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 218, 183) }
```

Border

The CSS property to change the border of an element to YUV 169.7580, 6.5283, -87.4878 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(70, 218, 183) }
```


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

```
.border{ border-color:rgb(70, 218, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 218, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 218, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 218, 183);  
box-shadow:4px 4px 4px 4px rgb(70, 218,  
183) }
```

Background

The CSS property to change the background color of an element to YUV 169.7580, 6.5283, -87.4878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 218, 183) }
```

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

```
.background{ background-color: rgb(70, 218,  
183) }
```

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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