

Converting Colors

YUV(177.7180, 13.9430,
-85.6987)

Have a look what the booklet for
YUV(177.7180, 13.9430, -85.6987)
contains.

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Color

**YUV(177.7180, 13.9430,
-85.6987)**

Conversions

Conversions Part 1

Format	Color
Hex	50DECE
RGB	80, 222, 206
RGB Percent	31%, 87%, 81%
CMY	0.6863, 0.1294, 0.1922
CMYK	0.64, 0.00, 0.07, 0.13
HSL	173°, 68%, 59%
HSV	173°, 64%, 87%
XYZ	40.5701, 58.4043, 67.5274
YIQ	177.7180, -79.4960, -35.0800

Conversions

Conversions Part 2

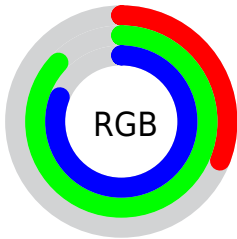
Format	Color
RYB	80, 155, 222
Decimal	5299918
CIELab	80.96, -41.48, -3.38
CIELCh	81, 41.615, 184.658
Yxy	58.4043, 0.2437, 0.3508
Android (android.graphics.Color)	4283489998 (0xFF50DECE)
YUV	177.7180, 13.9430, -85.6987
Hunter-Lab	76.4227, -38.9803, 1.1070

Details

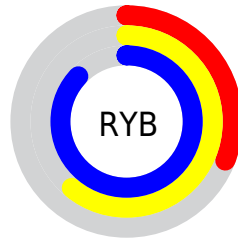
The YUV color **177.7180, 13.9430, -85.6987** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **124.2820, -13.9430, 85.6987**, and the grayscale version is **178.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.8110, 16.3622, -68.2402**, and **114.7700, 18.3544, -100.6533** is the 20% darker color. If you saturate the color by 10%, you get **170.7980, 15.8756, -98.9238**, and if you desaturate by 10%, it is **184.6380, 12.0105, -72.4735**.

Distribution



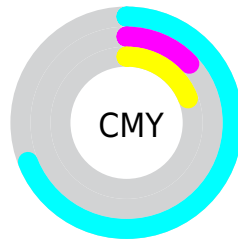
- Red (31%)
- Green (87%)
- Blue (81%)



- Red (31%)
- Yellow (61%)
- Blue (87%)



- Cyan (64%)
- Magenta (0%)
- Yellow (7%)
- Black (13%)



- Cyan (69%)
- Magenta (13%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 177.7180, 13.9430, -85.6987 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 177.7180, 13.9430, -85.6987 by changing the saturation by 10% instead.

177.7180, 13.9430,
-85.6987

177.7180, 13.9430,
-85.6987

255.0000, 0.0000,
0.0000

145.9450, 16.2961,
-93.7908

221.8110, 16.3622,
-68.2402

114.7700, 18.3544,
-100.6533

231.0800, 11.7926,
-49.1822

95.9570, 14.8112,
-84.1543

240.0500, 7.3704,
-30.7388

77.8450, 11.4154,
-68.2701

249.3190, 2.8007,
-11.6808

60.4340, 8.1670,
-53.0006

43.2510, 5.7923,
-37.9311

28.4160, 2.2599,

-24.9208

■ 5.3630, 2.7790,
-4.7034

■ 0.0000, 0.0000,
0.0000

■ 177.7180, 13.9430,
-85.6987

■ 177.7180, 13.9430,
-85.6987

■ 170.7980, 15.8756,
-98.9238

■ 184.6380, 12.0105,
-72.4735

■ 163.9920, 18.2449,
-112.2490

■ 191.4440, 9.6411,
-59.1484


■ 156.7730, 20.3249,
-126.0889


■ 198.6630, 7.5611,
-45.3085

■ 152.7720, 21.8044,
-133.9810

■ 205.4690, 5.1918,
-31.9833

 212.3890, 3.2592,
-18.7582

 219.1950, 0.8899,
-5.4330

 226.1150, -1.0427,
7.7921

 232.3230, -3.1172,
19.8877

 232.6650, -1.8068,
19.5878

Harmonies

Analogous

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



186.9450, -10.3259, -48.1868



177.7180, 13.9430, -85.6987



169.2150, 36.8690, -112.4446

Triad

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



177.7180, 13.9430, -85.6987



203.9990, 25.1435, 8.7709



200.6490, -34.3370, 46.7888

Complementary

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



177.7180, 13.9430, -85.6987



124.2820, -13.9430, 85.6987

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.



197.0960, -18.7813, 50.7818



177.7180, 13.9430, -85.6987



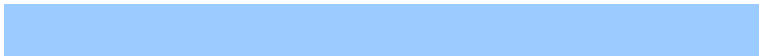
206.3470, 14.1259, 42.6687

Square

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



177.7180, 13.9430, -85.6987



194.5760, 29.7890, -34.7082



198.9660, -1.4622, 49.1418



198.0880, -37.0184, 20.0938

Rectangle

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



177.7180, 13.9430, -85.6987



176.4820, 38.7094, -96.0157



198.9660, -1.4622, 49.1418



199.5120, -29.8324, 48.6630

Sweetspot

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



177.7180, 13.9430, -85.6987



240.0780, 4.8915, -29.0094



168.4370, -43.5994, -62.6502



118.5740, 2.6750, -18.0434



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.



177.7180, 13.9430, -85.6987



193.8880, 19.2822, -118.2968



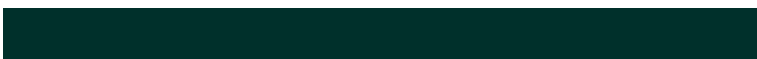
147.8440, 36.5589, -59.4992



108.5970, 1.1847, -6.6626



121.0960, 17.2077, -106.2012



33.0780, 4.8915, -29.0094

Inverse Universe

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



124.2820, -13.9430, 85.6987



120.1120, -19.2822, 118.2968



154.1560, -36.5589, 59.4992



104.4030, -1.1847, 6.6626



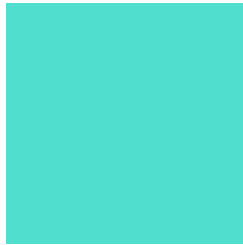
54.9040, -17.2077, 106.2012



14.9220, -4.8915, 29.0094

Previews

White Background



This preview shows how the YUV color 177.7180, 13.9430, -85.6987 looks on a white background.

Color Contrast Check

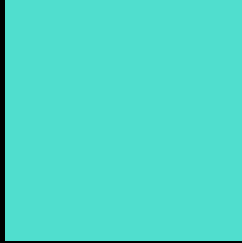
Large Text (above 18pt) WCAG AA × Fail

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 177.7180, 13.9430, -85.6987 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

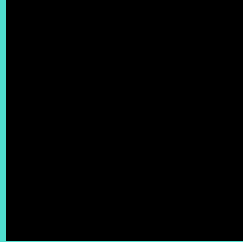
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

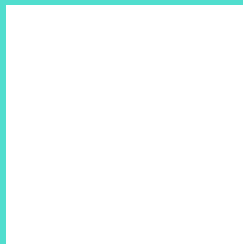
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 177.7180, 13.9430, -85.6987

Background



This preview shows how black text looks on a background with the YUV color 177.7180, 13.9430, -85.6987.



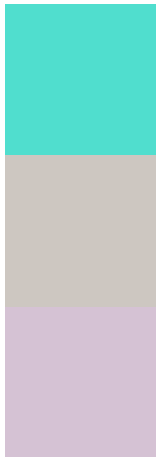
This preview shows how white text looks on a background with the YUV color 177.7180, 13.9430, -85.6987.

-85.6987.

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

177.7180, 13.9430, -85.6987

Protanopia

200.1100, -3.5052, 4.2885

Deuteranopia

201.7330, 5.0616, 9.8812



Tritanopia

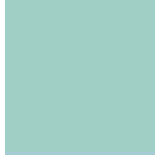
182.5630, 25.8514, -78.5468

Trichromacy



Original Color

177.7180, 13.9430, -85.6987



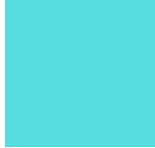
Protanomaly

191.9210, 2.9969, -27.9947



Deuteranomaly

193.0230, 8.3697, -24.5762



Tritanomaly

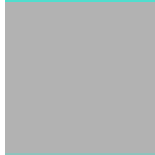
180.4010, 21.4943, -81.0357

Monochromacy



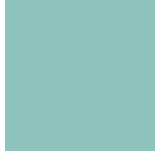
Original Color

177.7180, 13.9430, -85.6987



Achromatopsia

178.0000, 0.0000, 0.0000



Achromatomaly

177.7680, 5.0444, -31.3685

CSS Examples

Text

The CSS property to change the color of the text to YUV 177.7180, 13.9430, -85.6987 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(80, 222, 206)` looks like.

```
.text, #text, p{  
    color:rgb(80, 222, 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(80, 222, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 222, 206) }
```

Border

The CSS property to change the border of an element to YUV 177.7180, 13.9430, -85.6987 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(80, 222, 206) }
```


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

```
.border{ border-color:rgb(80, 222, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 222, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 222, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 222, 206);  
box-shadow:4px 4px 4px 4px rgb(80, 222,  
206) }
```

Background

The CSS property to change the background color of an element to YUV 177.7180, 13.9430, -85.6987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 222, 206) }
```

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

```
.background{ background-color: rgb(80, 222,  
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](#).

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