

Converting Colors

YIQ(189.5920, -17.0070,
-16.6790)

Have a look what the booklet for
YIQ(189.5920, -17.0070, -16.6790)
contains.

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Color

**YIQ(189.5920, -17.0070,
-16.6790)**

Conversions

Conversions Part 1

Format	Color
Hex	A3CDB4
RGB	163, 205, 180
RGB Percent	64%, 80%, 71%
CMY	0.3609, 0.1960, 0.2942
CMYK	0.21, 0.00, 0.12, 0.20
HSL	144°, 30%, 72%
HSV	144°, 21%, 80%
XYZ	45.1707, 54.7493, 51.3604
YIQ	189.5920, -17.0070, -16.6790

Conversions

Conversions Part 2

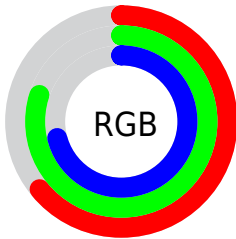
Format	Color
RYB	163, 193, 205
Decimal	10735028
CIELab	78.90, -18.85, 7.93
CIELCh	79, 20.447, 157.187
Yxy	54.7493, 0.2986, 0.3619
Android (android.graphics.Color)	4288925108 (0xFFA3CDB4)
YUV	189.5920, -4.7289, -23.3212
Hunter-Lab	73.9927, -20.5175, 10.6401

Details

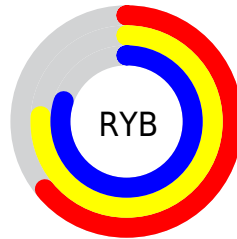
The YIQ color **189.5920, -17.0070, -16.6790** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **178.4080, 17.0070, 16.6790**, and the grayscale version is **190.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **241.7710, -15.9530, -13.7530**, and **136.3040, -16.1360, -15.9440** is the 20% darker color. If you saturate the color by 10%, you get **181.9450, -25.6710, -24.8630**, and if you desaturate by 10%, it is **196.9400, -8.9390, -8.7070**.

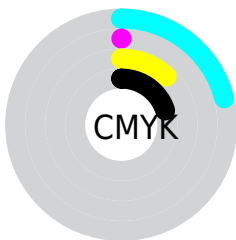
Distribution



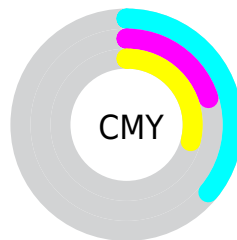
- Red (64%)
- Green (80%)
- Blue (71%)



- Red (64%)
- Yellow (76%)
- Blue (80%)



- Cyan (21%)
- Magenta (0%)
- Yellow (12%)
- Black (20%)



- Cyan (36%)
- Magenta (20%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 189.5920, -17.0070, -16.6790 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 YIQ color 189.5920, -17.0070, -16.6790 by changing the saturation by 10% instead.

■ 189.5920,
-17.0070, -16.6790

■ 189.5920,
-17.0070, -16.6790

■ 255.0000, -0.0000,
-0.0000

■ 162.0050,
-16.7320, -16.1560

■ 241.7710,
-15.9530, -13.7530

■ 136.3040,
-16.1360, -15.9440

■ 252.6080, -4.7680,
-1.6960

■ 110.7170,
-15.8610, -15.4210

■ 85.8310, -16.1820,
-15.1100

■ 62.2440, -15.9070,
-14.5870

■ 39.4720, -16.5490,
-13.9650

■ 20.1520, -12.6520,

-13.0040

■ 0.0000, 0.0000,
0.0000

■ 189.5920,
-17.0070, -16.6790

■ 189.5920,
-17.0070, -16.6790

■ 181.9450,
-25.6710, -24.8630

■ 196.9400, -8.9390,
-8.7070

■ 174.5970,
-33.7390, -32.8350

■ 204.5870, -0.2750,
-0.5230

■ 166.8360,
-42.0820, -41.3300

■ 212.0490, 7.4720,
7.7600

■ 159.4880,
-50.1500, -49.3020

■ 219.6960, 16.1360,
15.9440

■ 151.8410,
-58.8140, -57.4860

■ 224.0540, 18.2440,
21.7960

■ 144.4930,
-66.8820, -65.4580

■ 225.4220, 14.3920,
25.5280

■ 136.8460,
-75.5460, -73.6420

■ 225.6500, 13.7500,
26.1500

■ 129.7970,
-83.0180, -81.4020

Harmonies

Analogous

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



191.8130, 1.4240, -14.8000



189.5920, -17.0070, -16.6790



187.8600, -32.3210, -14.4730

Triad

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



189.5920, -17.0070, -16.6790



194.8470, -21.1380, 8.6380



197.6960, 33.3310, 7.1790

Complementary

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



189.5920, -17.0070, -16.6790



178.4080, 17.0070, 16.6790

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.



198.5740, 28.1030, 13.8230



189.5920, -17.0070, -16.6790



197.7030, -2.9370, 14.6870

Square

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



189.5920, -17.0070, -16.6790



191.1500, -35.5330, -0.3090



198.9240, 15.4940, 16.5660



195.9740, 29.2520, -1.5000

Rectangle

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



189.5920, -17.0070, -16.6790



188.1460, -38.8780, -11.2780



198.9240, 15.4940, 16.5660



198.0920, 32.2760, 9.7800

Sweetspot

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



189.5920, -17.0070, -16.6790



249.4890, -6.0510, -5.9790



195.1290, 3.3500, -16.6660



124.6250, -3.4380, -3.7740



0.0000, 0.0000, 0.0000



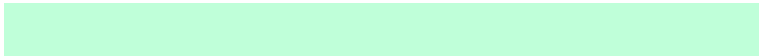
128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



189.5920, -17.0070, -16.6790



231.5320, -25.9460, -25.3860



191.9860, -23.7480, -10.1480



98.3260, -4.0340, -3.9860



105.0800, -67.1570, -65.9810



24.0160, -15.2650, -15.2090

Inverse Universe

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



178.4080, 17.0070, 16.6790



214.4680, 25.9460, 25.3860



176.0140, 23.7480, 10.1480



95.6740, 4.0340, 3.9860



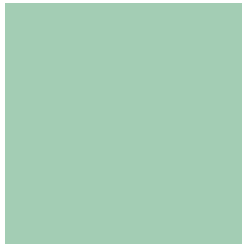
60.9200, 67.1570, 65.9810



13.9840, 15.2650, 15.2090

Previews

White Background



This preview shows how the YIQ color 189.5920, -17.0070, -16.6790 looks on a white background.

Color Contrast Check

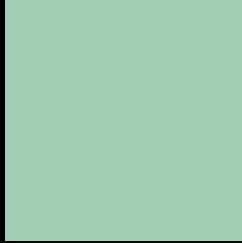
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 189.5920, -17.0070, -16.6790 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](#).

YIQ 189.5920, -17.0070, -16.6790 Background



This preview shows how black text looks on a background with the YIQ color 189.5920, -17.0070, -16.6790.



This preview shows how white text looks on a background with the YIQ color 189.5920, -17.0070, -16.6790.

-16.6790.

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

189.5920, -17.0070, -16.6790

Protanopia

194.4110, 11.7840, -4.3120

Deuteranopia

196.4000, 19.4850, 4.8050



Tritanopia

192.8540, -23.0160, -1.3840

Trichromacy



Original Color

189.5920, -17.0070, -16.6790

Protanomaly

192.5020, 1.1020, -8.9620

Deuteranomaly

193.8280, 6.2360, -2.8840

Tritanomaly

191.6490, -21.1810, -7.1090

Monochromacy



Original Color

189.5920, -17.0070, -16.6790

Achromatopsia

190.0000, -0.0000, -0.0000

Achromatomaly

189.4890, -6.0510, -5.9790

CSS Examples

Text

The CSS property to change the color of the text to YIQ 189.5920, -17.0070, -16.6790 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(163, 205, 180)` looks like.

```
.text, #text, p{  
    color:rgb(163, 205, 180)  
}
```

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(163, 205, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 205, 180) }
```

Border

The CSS property to change the border of an element to YIQ 189.5920, -17.0070, -16.6790 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(163, 205, 180) }
```


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

```
.border{ border-color:rgb(163, 205, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 205, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 205, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 205, 180);  
box-shadow:4px 4px 4px 4px rgb(163, 205,  
180) }
```

Background

The CSS property to change the background color of an element to YIQ 189.5920, -17.0070, -16.6790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 205, 180) }
```

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

```
.background{ background-color: rgb(163,  
205, 180) }
```

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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