

Converting Colors

YIQ(188.6280, -16.6880,
-5.9360)

Have a look what the booklet for
YIQ(188.6280, -16.6880, -5.9360)
contains.

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Color

**YIQ(188.6280, -16.6880,
-5.9360)**

Conversions

Conversions Part 1

Format	Color
Hex	A9C5C5
RGB	169, 197, 197
RGB Percent	66%, 77%, 77%
CMY	0.3373, 0.2274, 0.2275
CMYK	0.14, 0.00, 0.00, 0.23
HSL	180°, 19%, 72%
HSV	180°, 14%, 77%
XYZ	46.4036, 52.4014, 60.4819
YIQ	188.6280, -16.6880, -5.9360

Conversions

Conversions Part 2

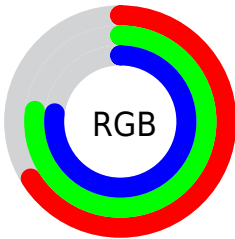
Format	Color
R_{YB}	169, 183, 197
Decimal	11126213
CIE _{Lab}	77.52, -9.40, -3.16
CIE _{LCh}	78, 9.915, 198.612
Yxy	52.4014, 0.2913, 0.3290
Android (android.graphics.Color)	4289316293 (0xFFA9C5C5)
YUV	188.6280, 4.1274, -17.2138
Hunter-Lab	72.3888, -12.2562, 1.1345

Details

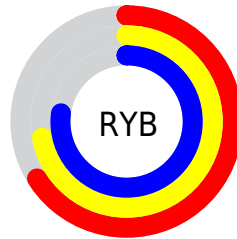
The YIQ color **188.6280, -16.6880, -5.9360** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **177.3720, 16.6880, 5.9360**, and the grayscale version is **189.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **245.0300, -17.8800, -6.3600**, and **135.2260, -15.4960, -5.5120** is the 20% darker color. If you saturate the color by 10%, you get **182.6480, -28.6080, -10.1760**, and if you desaturate by 10%, it is **194.6080, -4.7680, -1.6960**.

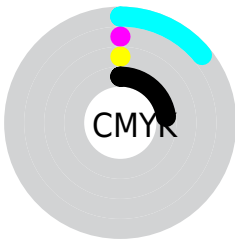
Distribution



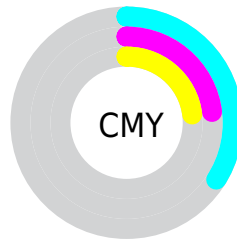
- Red (66%)
- Green (77%)
- Blue (77%)



- Red (66%)
- Yellow (72%)
- Blue (77%)



- Cyan (14%)
- Magenta (0%)
- Yellow (0%)
- Black (23%)



- Cyan (34%)
- Magenta (23%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 188.6280, -16.6880, -5.9360 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 188.6280, -16.6880, -5.9360 by changing the saturation by 10% instead.

■ 188.6280,
-16.6880, -5.9360

■ 188.6280,
-16.6880, -5.9360

■ 255.0000, -0.0000,
-0.0000

■ 161.6280,
-16.6880, -5.9360

■ 245.0300,
-17.8800, -6.3600

■ 135.2260,
-15.4960, -5.5120

■ 254.4020, -1.1920,
-0.4240

■ 110.2260,
-15.4960, -5.5120

■ 85.5250, -14.9000,
-5.3000

■ 61.9380, -14.6250,
-4.7770

■ 39.5250, -14.9000,
-5.3000

■ 18.8130, -15.7710,

-6.0350

■ 0.0000, 0.0000,
0.0000

■ 188.6280,
-16.6880, -5.9360

■ 188.6280,
-16.6880, -5.9360

■ 182.6480,
-28.6080, -10.1760

■ 194.6080, -4.7680,
-1.6960

■ 176.9670,
-39.9320, -14.2040

■ 200.2890, 6.5560,
2.3320

■ 170.9870,
-51.8520, -18.4440

■ 206.2690, 18.4760,
6.5720

■ 165.0070,
-63.7720, -22.6840

■ 212.2490, 30.3960,
10.8120

■ 159.0270,
-75.6920, -26.9240

■ 214.3420, 34.5680,
12.2960

■ 153.3460,
-87.0160, -30.9520

■ 147.3660,
-98.9360, -35.1920

■ 141.3860,
-110.8560, -39.4320

■ 138.0970,
-117.4120, -41.7640

Harmonies

Analogous

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



188.7980, -11.4150, -7.8870



188.6280, -16.6880, -5.9360



189.5510, -17.7890, -2.5010

Triad

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



188.6280, -16.6880, -5.9360



192.8250, 2.2910, 8.0430



192.0630, 12.8840, -2.2200

Complementary

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



188.6280, -16.6880, -5.9360



177.3720, 16.6880, 5.9360

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.



192.8510, 16.5970, 2.0770



188.6280, -16.6880, -5.9360



193.6040, 10.2230, 7.4630

Square

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



188.6280, -16.6880, -5.9360



191.8670, -6.6950, 5.6970



193.7740, 15.4960, 5.5120



190.8340, 6.0990, -5.9090

Rectangle

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



188.6280, -16.6880, -5.9360



189.9150, -15.8180, 0.3260



193.7740, 15.4960, 5.5120



192.4870, 14.6260, -0.7500

Sweetspot

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



188.6280, -16.6880, -5.9360



252.0100, -5.9600, -2.1200



185.4360, -7.7000, -14.6440



125.7930, -3.8510, -1.7950



0.0000, 0.0000, 0.0000



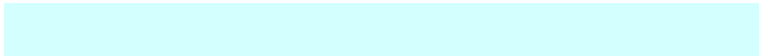
128.0000, -0.0000, -0.0000

Same Dimension

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



188.6280, -16.6880, -5.9360



242.1430, -25.6280, -9.1160



180.4100, -12.8380, 1.3860



96.3090, -5.3640, -1.9080



114.2630, -97.1480, -34.5560



25.2360, -21.4560, -7.6320

Inverse Universe

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



177.3720, 16.6880, 5.9360



224.8570, 25.6280, 9.1160



185.5900, 12.8380, -1.3860



92.6910, 5.3640, 1.9080



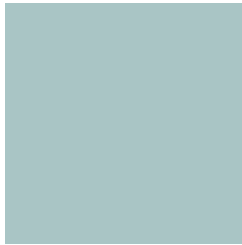
48.7370, 97.1480, 34.5560



10.7640, 21.4560, 7.6320

Previews

White Background



This preview shows how the YIQ color 188.6280, -16.6880, -5.9360 looks on a white background.

Color Contrast Check

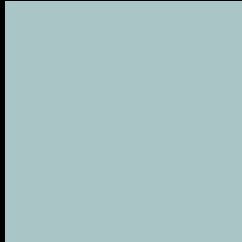
Large Text (above 18pt) WCAG AA × Fail

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 188.6280, -16.6880, -5.9360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

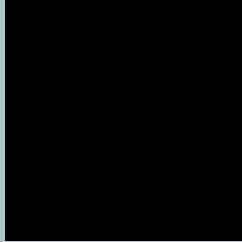
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 188.6280, -16.6880, -5.9360

Background



This preview shows how black text looks on a background with the YIQ color 188.6280, -16.6880, -5.9360.



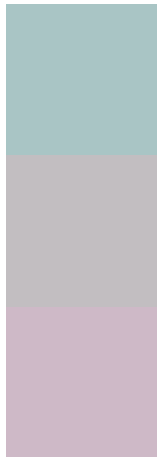
This preview shows how white text looks on a background with the YIQ color 188.6280, -16.6880, -5.9360.

-5.9360.

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

188.6280, -16.6880, -5.9360

Protanopia

191.5380, 1.4210, 1.7810

Deuteranopia

192.8750, 8.0220, 8.8060



Tritanopia

189.5340, -19.1190, -0.4230

Trichromacy



Original Color

188.6280, -16.6880, -5.9360

Protanomaly

190.7220, -5.0890, -1.3850

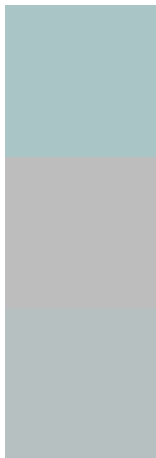
Deuteranomaly

191.2220, -0.5050, 3.6470

Tritanomaly

189.2520, -18.3850, -2.7130

Monochromacy



Original Color

188.6280, -16.6880, -5.9360

Achromatopsia

189.0000, -0.0000, -0.0000

Achromatomaly

189.0100, -5.9600, -2.1200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 188.6280, -16.6880, -5.9360 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(169, 197, 197)` looks like.

```
.text, #text, p{  
    color:rgb(169, 197, 197)  
}
```

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(169, 197, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 197, 197) }
```

Border

The CSS property to change the border of an element to YIQ 188.6280, -16.6880, -5.9360 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(169, 197, 197) }
```


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

```
.border{ border-color:rgb(169, 197, 197) }
```

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

Here you see how a box with a 4 pixel rgb(169, 197, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 197, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 197, 197);  
box-shadow:4px 4px 4px 4px rgb(169, 197,  
197) }
```

Background

The CSS property to change the background color of an element to YIQ 188.6280, -16.6880, -5.9360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 197, 197) }
```

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

```
.background{ background-color: rgb(169,  
197, 197) }
```

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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