

Converting Colors

YIQ(207.6350, -18.5660,
-15.9580)

Have a look what the booklet for
YIQ(207.6350, -18.5660, -15.9580)
contains.

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Color

**YIQ(207.6350, -18.5660,
-15.9580)**

Conversions

Conversions Part 1

Format	Color
Hex	B4DFC9
RGB	180, 223, 201
RGB Percent	71%, 87%, 79%
CMY	0.2942, 0.1254, 0.2118
CMYK	0.19, 0.00, 0.10, 0.13
HSL	149°, 40%, 79%
HSV	149°, 19%, 87%
XYZ	55.7489, 66.7011, 65.1858
YIQ	207.6350, -18.5660, -15.9580

Conversions

Conversions Part 2

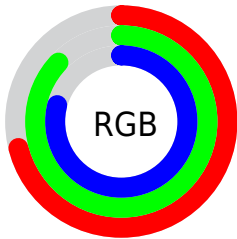
Format	Color
RYB	180, 209, 223
Decimal	11853769
CIELab	85.35, -18.33, 6.18
CIELCh	85, 19.341, 161.355
Yxy	66.7011, 0.2971, 0.3555
Android (android.graphics.Color)	4290043849 (0xFFB4DFC9)
YUV	207.6350, -3.2711, -24.2359
Hunter-Lab	81.6707, -21.0787, 9.8470

Details

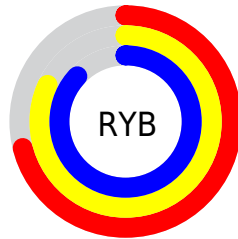
The YIQ color $207.6350, -18.5660, -15.9580$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $195.3650, 18.5660, 15.9580$, and the grayscale version is $208.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $249.3190, -11.3240, -4.0280$, and $153.3470, -17.6950, -15.2230$ is the 20% darker color. If you saturate the color by 10%, you get $199.8030, -28.1470, -24.0430$, and if you desaturate by 10%, it is $215.4670, -8.9850, -7.8730$.

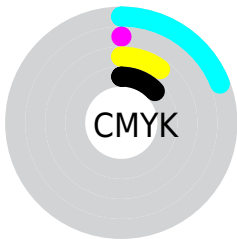
Distribution



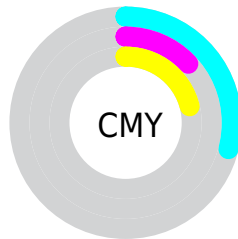
- Red (71%)
- Green (87%)
- Blue (79%)



- Red (71%)
- Yellow (82%)
- Blue (87%)



- Cyan (19%)
- Magenta (0%)
- Yellow (10%)
- Black (13%)



- Cyan (29%)
- Magenta (13%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 207.6350, -18.5660, -15.9580 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 207.6350, -18.5660, -15.9580 by changing the saturation by 10% instead.

■ 207.6350,
-18.5660, -15.9580

■ 207.6350,
-18.5660, -15.9580

255.0000, -0.0000,
-0.0000

■ 180.0480,
-18.2910, -15.4350

■ 249.3190,
-11.3240, -4.0280

■ 153.3470,
-17.6950, -15.2230

■ 126.7600,
-17.4200, -14.7000

■ 101.8740,
-17.7410, -14.3890

■ 77.2870, -17.4660,
-13.8660

■ 53.7000, -17.1910,
-13.3430

■ 31.2160, -18.7040,

-13.4560

■ 15.7180, -8.4340,
-12.3540

■ 0.0000, 0.0000,
0.0000

■ 207.6350,
-18.5660, -15.9580

■ 207.6350,
-18.5660, -15.9580

■ 199.8030,
-28.1470, -24.0430

■ 215.4670, -8.9850,
-7.8730

■ 191.5580,
-38.0030, -32.6510

■ 223.7120, 0.8710,
0.7350

■ 183.7260,
-47.5840, -40.7360

■ 231.5440, 10.4520,
8.8200

■ 175.7800,
-56.8440, -49.1320

■ 235.3040, 11.3680,
14.2480

■ 167.6490,
-67.0210, -57.4290

■ 236.2160, 8.8000,
16.7360

■ 159.7030,
-76.2810, -65.8250

■ 151.8710,
-85.8620, -73.9100

■ 144.0390,
-95.4430, -81.9950

■ 143.3270,
-96.3140, -82.7300

Harmonies

Analogous

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



210.0300, -0.6850, -15.1250



207.6350, -18.5660, -15.9580



206.5010, -32.6880, -13.3280

Triad

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



207.6350, -18.5660, -15.9580



213.2280, -17.8370, 9.3870



215.5710, 32.1850, 5.9210

Complementary

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



207.6350, -18.5660, -15.9580



195.3650, 18.5660, 15.9580

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.



216.9330, 28.4700, 12.6780



207.6350, -18.5660, -15.9580



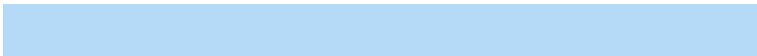
215.6710, 0.0890, 14.9130

Square

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



207.6350, -18.5660, -15.9580



209.9440, -31.9570, 0.9630



216.8810, 17.0530, 15.8450



213.6640, 27.1890, -2.6590

Rectangle

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



207.6350, -18.5660, -15.9580



206.6840, -37.4570, -9.4970



216.8810, 17.0530, 15.8450



215.8530, 31.4510, 8.2110

Sweetspot

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



207.6350, -18.5660, -15.9580



249.6030, -6.3720, -5.6680



211.8190, 1.2870, -17.8250



124.7390, -3.7590, -3.4630



0.0000, 0.0000, 0.0000



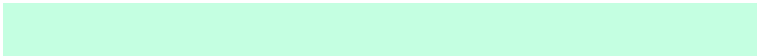
128.0000, -0.0000, -0.0000

Same Dimension

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



207.6350, -18.5660, -15.9580



233.9390, -25.5340, -21.8380



210.0290, -25.3070, -9.4270



108.0270, -4.6300, -4.1980



113.1160, -76.0060, -65.3020



30.9120, -20.9040, -17.6400

Inverse Universe

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



195.3650, 18.5660, 15.9580



217.0610, 25.5340, 21.8380



192.9710, 25.3070, 9.4270



104.9730, 4.6300, 4.1980



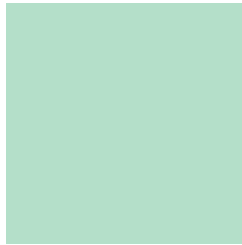
62.8840, 76.0060, 65.3020



17.2020, 20.5830, 17.9510

Previews

White Background



This preview shows how the YIQ color 207.6350, -18.5660, -15.9580 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 207.6350, -18.5660, -15.9580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

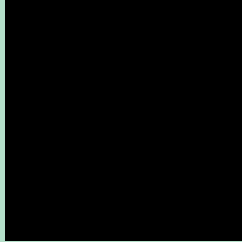
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

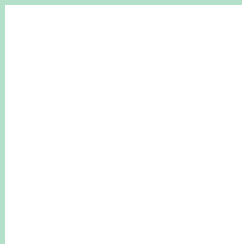
Any Text WCAG AAA ✓ Pass

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

YIQ 207.6350, -18.5660, -15.9580 Background



This preview shows how black text looks on a background with the YIQ color 207.6350, -18.5660, -15.9580.



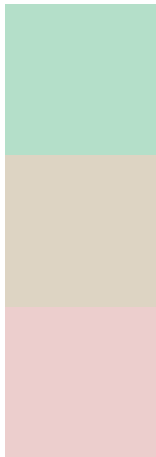
This preview shows how white text looks on a background with the YIQ color 207.6350, -18.5660, -15.9580.

-15.9580.

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

207.6350, -18.5660, -15.9580

Protanopia

212.7530, 10.8210, -3.3790

Deuteranopia

214.8560, 18.2010, 6.0490



Tritanopia

210.3700, -24.5290, -1.4970

Trichromacy



Original Color

207.6350, -18.5660, -15.9580

Protanomaly

210.8440, 0.1390, -8.0290

Deuteranomaly

212.2840, 4.9520, -1.6400

Tritanomaly

209.5780, -22.4190, -6.6990

Monochromacy



Original Color

207.6350, -18.5660, -15.9580

Achromatopsia

208.0000, -0.0000, -0.0000

Achromatomaly

207.6030, -6.3720, -5.6680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 207.6350, -18.5660, -15.9580 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(180, 223, 201)` looks like.

```
.text, #text, p{  
    color:rgb(180, 223, 201)  
}
```

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(180, 223, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 223, 201) }
```

Border

The CSS property to change the border of an element to YIQ 207.6350, -18.5660, -15.9580 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(180, 223, 201) }
```


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

```
.border{ border-color:rgb(180, 223, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 223, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(180, 223, 201); -webkit-box-shadow:4px 4px 4px 4px rgb(180, 223, 201); box-shadow:4px 4px 4px 4px rgb(180, 223, 201) }
```

Background

The CSS property to change the background color of an element to YIQ 207.6350, -18.5660, -15.9580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 223, 201) }
```

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

```
.background{ background-color: rgb(180,  
223, 201) }
```

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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