

Converting Colors

YIQ(187.6310, -3.5750, -6.7990)

Have a look what the booklet for
YIQ(187.6310, -3.5750, -6.7990)
contains.

YIQ(187.6310, -3.5750, -6.7990)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(187.6310, -3.5750,
-6.7990)**

Conversions

Conversions Part 1

Format	Color
Hex	B4C1B4
RGB	180, 193, 180
RGB Percent	71%, 76%, 71%
CMY	0.2942, 0.2431, 0.2941
CMYK	0.07, 0.00, 0.07, 0.24
HSL	120°, 9%, 73%
HSV	120°, 7%, 76%
XYZ	46.1294, 51.1397, 50.6191
YIQ	187.6310, -3.5750, -6.7990

Conversions

Conversions Part 2

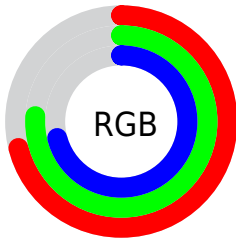
Format	Color
RYB	180, 193, 193
Decimal	11846068
CIELab	76.76, -6.91, 5.00
CIELCh	77, 8.532, 144.104
Yxy	51.1397, 0.3119, 0.3458
Android (android.graphics.Color)	4290036148 (0xFFB4C1B4)
YUV	187.6310, -3.7621, -6.6924
Hunter-Lab	71.5120, -10.0033, 8.0905

Details

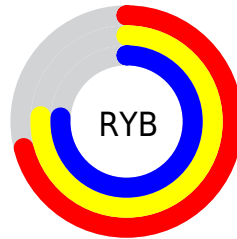
The YIQ color $187.6310, -3.5750, -6.7990$ is a light color, and the websafe version is hex $CCCCCC$. A complement of this color would be $185.3690, 3.5750, 6.7990$, and the grayscale version is $188.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $243.6310, -3.5750, -6.7990$, and $134.6310, -3.5750, -6.7990$ is the 20% darker color. If you saturate the color by 10%, you get $179.7840, -8.8000, -16.7360$, and if you desaturate by 10%, it is $195.4780, 1.6500, 3.1380$.

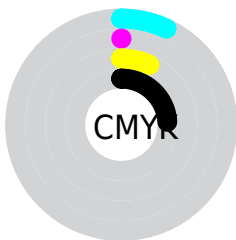
Distribution



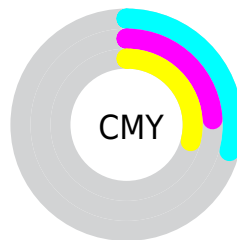
- Red (71%)
- Green (76%)
- Blue (71%)



- Red (71%)
- Yellow (76%)
- Blue (76%)



- Cyan (7%)
- Magenta (0%)
- Yellow (7%)
- Black (24%)



- Cyan (29%)
- Magenta (24%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 187.6310, -3.5750, -6.7990 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 187.6310, -3.5750, -6.7990 by changing the saturation by 10% instead.

■ 187.6310, -3.5750,
-6.7990

■ 187.6310, -3.5750,
-6.7990

255.0000, -0.0000,
-0.0000

■ 160.6310, -3.5750,
-6.7990

■ 243.6310, -3.5750,
-6.7990

■ 134.6310, -3.5750,
-6.7990

■ 109.0440, -3.3000,
-6.2760

■ 85.0440, -3.3000,
-6.2760

■ 61.4570, -3.0250,
-5.7530

■ 39.8700, -2.7500,
-5.2300

■ 19.0440, -3.3000,

-6.2760

■ 0.0000, 0.0000,
0.0000

■ 187.6310, -3.5750,
-6.7990

■ 187.6310, -3.5750,
-6.7990

■ 179.7840, -8.8000,
-16.7360

■ 195.4780, 1.6500,
3.1380

■ 171.5240,
-14.3000, -27.1960

■ 203.7380, 7.1500,
13.5980

■ 163.6770,
-19.5250, -37.1330

■ 211.5850, 12.3750,
23.5350

■ 155.8300,
-24.7500, -47.0700

■ 218.6060, 17.0500,
32.4260

■ 147.6840,
-30.5710, -57.2190

■ 139.7230,
-35.4750, -67.4670

■ 131.8760,
-40.7000, -77.4040

■ 124.0290,
-45.9250, -87.3410

■ 115.7690,
-51.4250, -97.8010

Harmonies

Analogous

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



188.5780, 3.9440, -5.4000



187.6310, -3.5750, -6.7990



187.0370, -10.5900, -6.3180

Triad

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



187.6310, -3.5750, -6.7990



189.3070, -11.0500, 2.0220



190.7630, 14.0290, 4.5650

Complementary

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



187.6310, -3.5750, -6.7990



185.3690, 3.5750, 6.7990

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.



191.0770, 10.2690, 6.6290



187.6310, -3.5750, -6.7990



190.1230, -4.5400, 5.1880

Square

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



187.6310, -3.5750, -6.7990



188.0460, -14.8090, -1.4410



191.0700, 2.9790, 6.5870



190.3560, 13.6170, 1.0170

Rectangle

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



187.6310, -3.5750, -6.7990



187.0090, -13.3870, -5.1870



191.0700, 2.9790, 6.5870



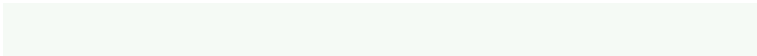
191.1050, 13.0660, 5.4980

Sweetspot

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



187.6310, -3.5750, -6.7990



247.9350, -1.3750, -2.6150



191.5180, 4.1730, -4.0430



123.7610, -0.8250, -1.5690



252.0000, 0.0000, 0.0000



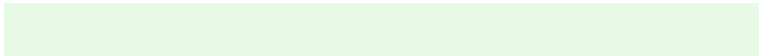
125.0000, 0.0000, 0.0000

Same Dimension

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



187.6310, -3.5750, -6.7990



241.7400, -5.5000, -10.4600



188.4290, -5.8220, -4.6220



92.8700, -2.7500, -5.2300



94.5070, -44.2750, -84.2030



19.3710, -9.0750, -17.2590

Inverse Universe

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



185.3690, 3.5750, 6.7990



238.2600, 5.5000, 10.4600



184.6850, 5.5010, 4.9330



91.1300, 2.7500, 5.2300



66.4930, 44.2750, 84.2030



13.6290, 9.0750, 17.2590

Previews

White Background



This preview shows how the YIQ color 187.6310, -3.5750, -6.7990 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 187.6310, -3.5750, -6.7990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

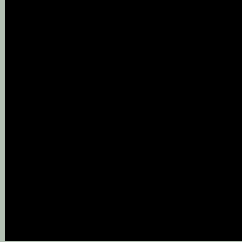
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

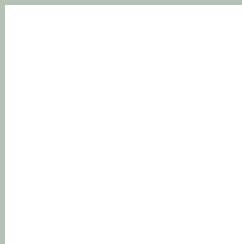
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 187.6310, -3.5750, -6.7990

Background



This preview shows how black text looks on a background with the YIQ color 187.6310, -3.5750, -6.7990.



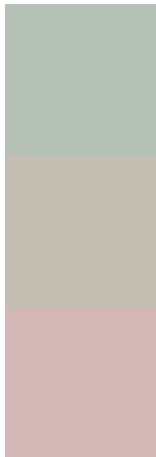
This preview shows how white text looks on a background with the YIQ color 187.6310, -3.5750,

-6.7990.

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

187.6310, -3.5750, -6.7990

Protanopia

189.5400, 7.1070, -2.1490

Deuteranopia

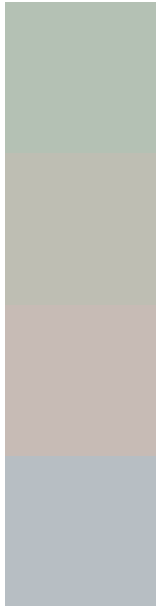
190.9590, 16.4130, 5.4130



Tritanopia

189.2150, -7.7950, 3.6050

Trichromacy



Original Color

187.6310, -3.5750, -6.7990

Protanomaly

188.7460, 3.5310, -3.4210

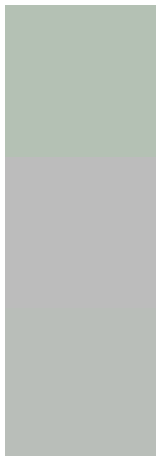
Deuteranomaly

189.9040, 9.0780, 0.6780

Tritanomaly

188.4770, -5.7770, 0.0710

Monochromacy



Original Color

187.6310, -3.5750, -6.7990

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

187.9350, -1.3750, -2.6150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 187.6310, -3.5750, -6.7990 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, 193, 180)` looks like.

```
.text, #text, p{  
    color:rgb(180, 193, 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(180, 193, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 193, 180) }
```

Border

The CSS property to change the border of an element to YIQ 187.6310, -3.5750, -6.7990 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, 193, 180) }
```


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

```
.border{ border-color:rgb(180, 193, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 193, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 193, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 193, 180);  
box-shadow:4px 4px 4px 4px rgb(180, 193,  
180) }
```

Background

The CSS property to change the background color of an element to YIQ 187.6310, -3.5750, -6.7990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 193, 180) }
```

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

```
.background{ background-color: rgb(180,  
193, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor