

Converting Colors

YIQ(186.4260, -9.7670, 6.3050)

Have a look what the booklet for
YIQ(186.4260, -9.7670, 6.3050)
contains.

YIQ(186.4260, -9.7670, 6.3050)	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(186.4260, -9.7670,
6.3050)**

Conversions

Conversions Part 1

Format	Color
Hex	B5B9D0
RGB	181, 185, 208
RGB Percent	71%, 73%, 82%
CMY	0.2902, 0.2745, 0.1844
CMYK	0.13, 0.11, 0.00, 0.18
HSL	231°, 22%, 76%
HSV	231°, 13%, 82%
XYZ	47.7891, 49.0759, 66.6190
YIQ	186.4260, -9.7670, 6.3050

Conversions

Conversions Part 2

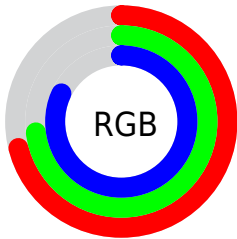
Format	Color
R _Y B	181, 184, 208
Decimal	11909584
CIE Lab	75.50, 3.20, -12.03
CIE LCh	75, 12.451, 284.883
Yxy	49.0759, 0.2923, 0.3002
Android (android.graphics.Color)	4290099664 (0xFFB5B9D0)
YUV	186.4260, 10.6360, -4.7586
Hunter-Lab	70.0542, -0.8270, -7.3447

Details

The YIQ color $186.4260, -9.7670, 6.3050$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $202.5740, 9.7670, -6.3050$, and the grayscale version is $186.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $241.4000, -6.8780, 3.5060$, and $133.3120, -9.4460, 5.9940$ is the 20% darker color. If you saturate the color by 10%, you get $169.5810, -17.3330, 11.2670$, and if you desaturate by 10%, it is $203.2710, -2.2010, 1.3430$.

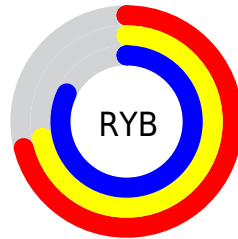
Distribution



Red (71%)

Green (73%)

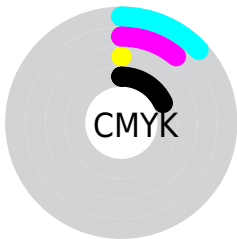
Blue (82%)



Red (71%)

Yellow (72%)

Blue (82%)

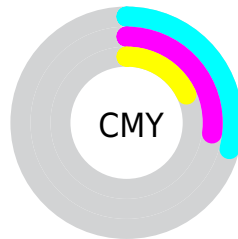


Cyan (13%)

Magenta (11%)

Yellow (0%)

Black (18%)



Cyan (29%)

Magenta (27%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 186.4260, -9.7670, 6.3050 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 186.4260, -9.7670, 6.3050 by changing the saturation by 10% instead.

■ 186.4260, -9.7670,
6.3050

■ 186.4260, -9.7670,
6.3050

■ 255.0000, -0.0000,
-0.0000

■ 159.3120, -9.4460,
5.9940

■ 241.4000, -6.8780,
3.5060

■ 133.3120, -9.4460,
5.9940

■ 108.1980, -9.1250,
5.6830

■ 84.0840, -8.8040,
5.3720

■ 60.6710, -9.0790,
4.8490

■ 38.5570, -8.7580,
4.5380

■ 17.7420, -7.8410,

4.4390

■ 1.1400, -3.2100,
3.1100

■ 0.0000, 0.0000,
0.0000

■ 186.4260, -9.7670,
6.3050

■ 186.4260, -9.7670,
6.3050

■ 169.5810,
-17.3330, 11.2670

■ 203.2710, -2.2010,
1.3430

■ 153.3230,
-25.1740, 15.7060

■ 219.5290, 5.6400,
-3.0960

■ 136.7770,
-32.1440, 20.8800

■ 236.0750, 12.6100,
-8.2700

■ 119.9320,
-39.7100, 25.8420

■ 249.6420, 15.0870,
-14.6170

■ 103.0870,
-47.2760, 30.8040

■ 86.8290, -55.1170,
35.2430

■ 69.9840, -62.6830,
40.2050

■ 53.4380, -69.6530,
45.3790

■ 41.9090, -75.2930,
48.4750

Harmonies

Analogous

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



184.5880, -19.2110, 1.2450



186.4260, -9.7670, 6.3050



187.5800, 1.6030, 9.4990

Triad

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



186.4260, -9.7670, 6.3050



187.5310, 20.4940, 3.0380



182.2600, -12.8360, -9.6680

Complementary

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



186.4260, -9.7670, 6.3050



202.5740, 9.7670, -6.3050

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.



183.5340, -1.9240, -9.1880



186.4260, -9.7670, 6.3050



186.2160, 16.8270, -2.0930

Square

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



186.4260, -9.7670, 6.3050



188.2090, 18.7050, 7.9290



184.9760, 8.5750, -6.7290



182.3070, -20.2180, -8.0420

Rectangle

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



186.4260, -9.7670, 6.3050



188.1140, 8.8470, 10.3750



184.9760, 8.5750, -6.7290



183.0000, -9.1680, -10.0640

Sweetspot

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



186.4260, -9.7670, 6.3050



246.7270, -3.4850, 2.5870



199.4710, -14.8080, -6.9680



122.3850, -2.5220, 1.6540



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.



186.4260, -9.7670, 6.3050



222.1960, -14.8110, 9.6130



186.7690, -3.3030, 10.3050



96.4280, -4.0810, 2.3750



33.8270, -60.8030, 39.1730



8.1960, -14.8110, 9.6130

Inverse Universe

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



189.5290, 14.8080, 6.9680



226.9430, 22.5100, 10.5580



202.2310, 3.3030, -10.3050



97.5170, 5.9140, 2.9540



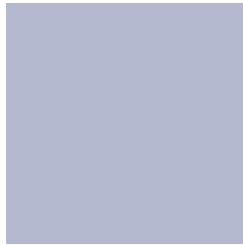
53.0820, 92.1030, 43.3910



12.9430, 22.5100, 10.5580

Previews

White Background



This preview shows how the YIQ color 186.4260, -9.7670, 6.3050 looks on a white background.

Color Contrast Check

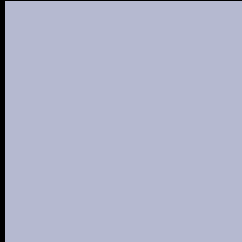
Large Text (above 18pt) WCAG AA × Fail

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 186.4260, -9.7670, 6.3050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

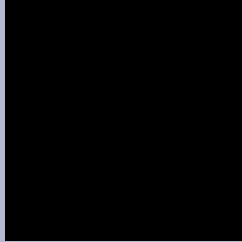
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 186.4260, -9.7670, 6.3050

Background



This preview shows how black text looks on a background with the YIQ color 186.4260, -9.7670, 6.3050.



This preview shows how white text looks on a background with the YIQ color 186.4260, -9.7670,

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

186.4260, -9.7670, 6.3050

Protanopia

187.0240, -8.5750, 6.7290

Deuteranopia

187.7800, -1.8360, 11.2520



Tritanopia

185.9160, -8.3910, 3.3930

Trichromacy



Original Color

186.4260, -9.7670, 6.3050

Protanomaly

186.7250, -9.1710, 6.5170

Deuteranomaly

187.1710, -4.4950, 9.8810

Tritanomaly

186.2580, -9.3540, 4.3260

Monochromacy



Original Color

186.4260, -9.7670, 6.3050

Achromatopsia

186.0000, -0.0000, -0.0000

Achromatomaly

186.3140, -3.7600, 2.0640

CSS Examples

Text

The CSS property to change the color of the text to YIQ 186.4260, -9.7670, 6.3050 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(181, 185, 208)` looks like.

```
.text, #text, p{  
    color:rgb(181, 185, 208)  
}
```

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(181, 185, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 185, 208) }
```

Border

The CSS property to change the border of an element to YIQ 186.4260, -9.7670, 6.3050 is called "border". The border property can be set on classes, ids or directly on the HTML element.

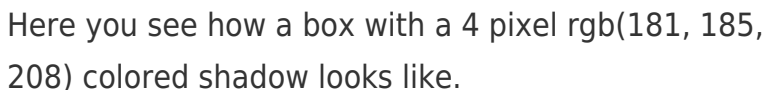
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(181, 185, 208) }
```


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

```
.border{ border-color:rgb(181, 185, 208) }
```

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



Here you see how a box with a 4 pixel `rgb(181, 185, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 185, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 185, 208); box-shadow:4px 4px 4px 4px rgb(181, 185, 208) }
```

Background

The CSS property to change the background color of an element to YIQ 186.4260, -9.7670, 6.3050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 185, 208) }
```

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

```
.background{ background-color: rgb(181,  
185, 208) }
```

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