

Converting Colors

YIQ(185.7300, -8.7080,
-18.4040)

Have a look what the booklet for
YIQ(185.7300, -8.7080, -18.4040)
contains.

YIQ(185.7300, -8.7080, -18.4040)	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(185.7300, -8.7080,
-18.4040)**

Conversions

Conversions Part 1

Format	Color
Hex	A6C8A4
RGB	166, 200, 164
RGB Percent	65%, 78%, 64%
CMY	0.3491, 0.2156, 0.3569
CMYK	0.17, 0.00, 0.18, 0.22
HSL	117°, 25%, 71%
HSV	117°, 18%, 78%
XYZ	43.0786, 52.0995, 42.9069
YIQ	185.7300, -8.7080, -18.4040

Conversions

Conversions Part 2

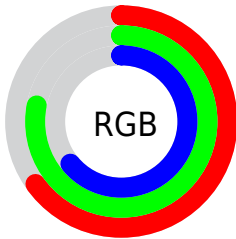
Format	Color
RYB	164, 200, 198
Decimal	10930340
CIELab	77.34, -18.26, 14.30
CIElCh	77, 23.194, 141.926
Yxy	52.0995, 0.3120, 0.3773
Android (android.graphics.Color)	4289120420 (0xFFA6C8A4)
YUV	185.7300, -10.7129, -17.3032
Hunter-Lab	72.1800, -19.7823, 15.2815

Details

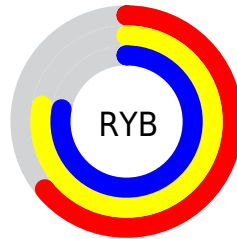
The YIQ color $185.7300, -8.7080, -18.4040$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $178.2700, 8.7080, 18.4040$, and the grayscale version is $186.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $240.7300, -8.7080, -18.4040$, and $132.5560, -8.1580, -17.3580$ is the 20% darker color. If you saturate the color by 10%, you get $177.7690, -13.6120, -28.6520$, and if you desaturate by 10%, it is $193.6910, -3.8040, -8.1560$.

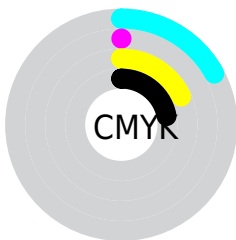
Distribution



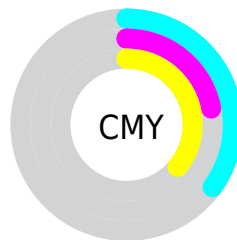
- Red (65%)
- Green (78%)
- Blue (64%)



- Red (64%)
- Yellow (78%)
- Blue (78%)



- Cyan (17%)
- Magenta (0%)
- Yellow (18%)
- Black (22%)



- Cyan (35%)
- Magenta (22%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 185.7300, -8.7080, -18.4040 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 185.7300, -8.7080, -18.4040 by changing the saturation by 10% instead.

■ 185.7300, -8.7080,
-18.4040

■ 185.7300, -8.7080,
-18.4040

■ 255.0000, -0.0000,
-0.0000

■ 158.8440, -9.0290,
-18.0930

■ 240.7300, -8.7080,
-18.4040

■ 132.5560, -8.1580,
-17.3580

■ 252.7070, -0.7330,
-3.2370

■ 107.0830, -8.2040,
-16.5240

■ 82.4960, -7.9290,
-16.0010

■ 59.0230, -7.9750,
-15.1670

■ 36.8380, -8.8920,
-15.0680

■ 17.0230, -7.9750,

-15.1670

■ 0.0000, 0.0000,
0.0000

■ 185.7300, -8.7080,
-18.4040

■ 185.7300, -8.7080,
-18.4040

■ 177.7690,
-13.6120, -28.6520

■ 193.6910, -3.8040,
-8.1560

■ 169.8080,
-18.5160, -38.9000

■ 201.6520, 1.1000,
2.0920

■ 161.8470,
-23.4200, -49.1480

■ 209.6130, 6.0040,
12.3400

■ 153.8860,
-28.3240, -59.3960

■ 217.5740, 10.9080,
22.5880

■ 145.9250,
-33.2280, -69.6440

■ 222.7150, 15.1250,
28.7650

■ 138.2630,
-37.5360, -79.6800

■ 130.3020,
-42.4400, -89.9280

■ 122.3410,
-47.3440, -100.1760

■ 120.6890,
-48.4440, -102.2680

Harmonies

Analogous

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



188.7880, 11.7400, -14.5320



185.7300, -8.7080, -18.4040



183.1930, -29.0650, -18.4170

Triad

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



185.7300, -8.7080, -18.4040



188.2690, -34.2500, 3.9740



193.9400, 35.7600, 12.7200

Complementary

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



185.7300, -8.7080, -18.4040



178.2700, 8.7080, 18.4040

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.



194.6540, 25.1220, 18.2900



185.7300, -8.7080, -18.4040



192.6030, -14.3990, 13.1610

Square

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



185.7300, -8.7080, -18.4040



183.8990, -45.2520, -5.8920



194.7860, 7.1950, 18.2910



192.7300, 35.9910, 3.0230

Rectangle

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



185.7300, -8.7080, -18.4040



181.9130, -39.8400, -15.8720



194.7860, 7.1950, 18.2910



194.4390, 32.9170, 14.6850

Sweetspot

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



185.7300, -8.7080, -18.4040



249.9300, -2.9790, -6.5870



194.7220, 12.1060, -10.1500



124.6960, -2.2000, -4.1840



0.0000, 0.0000, 0.0000



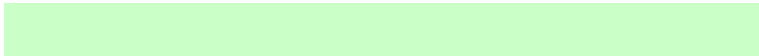
128.0000, -0.0000, -0.0000

Same Dimension

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



185.7300, -8.7080, -18.4040



232.7690, -13.6120, -28.6520



186.9560, -15.0360, -13.8520



95.2830, -2.4750, -4.7070



98.3720, -39.4610, -83.3410



21.7300, -8.7080, -18.4040

Inverse Universe

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



178.2700, 8.7080, 18.4040



221.2310, 13.6120, 28.6520



177.0440, 15.0360, 13.8520



93.7170, 2.4750, 4.7070



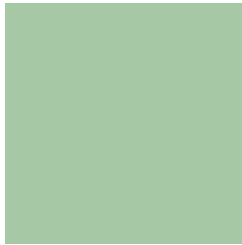
64.6280, 39.4610, 83.3410



14.2700, 8.7080, 18.4040

Previews

White Background



This preview shows how the YIQ color 185.7300, -8.7080, -18.4040 looks on a white background.

Color Contrast Check

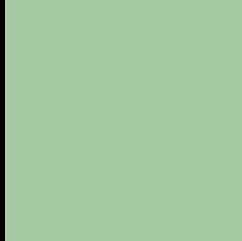
Large Text (above 18pt) WCAG AA × Fail

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 185.7300, -8.7080, -18.4040 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 185.7300, -8.7080, -18.4040

Background



This preview shows how black text looks on a background with the YIQ color 185.7300, -8.7080, -18.4040.



This preview shows how white text looks on a background with the YIQ color 185.7300, -8.7080,

-18.4040.

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

185.7300, -8.7080, -18.4040

Protanopia

189.7550, 16.5070, -7.3090

Deuteranopia

191.9290, 25.1250, 1.7090



Tritanopia

189.4310, -17.3310, 0.2130

Trichromacy



Original Color

185.7300, -8.7080, -18.4040

Protanomaly

188.4440, 7.0170, -11.5350

Deuteranomaly

189.6560, 12.4720, -5.7680

Tritanomaly

187.8840, -14.5330, -6.4450

Monochromacy



Original Color

185.7300, -8.7080, -18.4040

Achromatopsia

186.0000, -0.0000, -0.0000

Achromatomaly

185.9300, -2.9790, -6.5870

CSS Examples

Text

The CSS property to change the color of the text to YIQ 185.7300, -8.7080, -18.4040 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(166, 200, 164)` looks like.

```
.text, #text, p{  
    color:rgb(166, 200, 164)  
}
```

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(166, 200, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 200, 164) }
```

Border

The CSS property to change the border of an element to YIQ 185.7300, -8.7080, -18.4040 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(166, 200, 164) }
```


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

```
.border{ border-color:rgb(166, 200, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 200, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 200, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 200, 164);  
box-shadow:4px 4px 4px 4px rgb(166, 200,  
164) }
```

Background

The CSS property to change the background color of an element to YIQ 185.7300, -8.7080, -18.4040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 200, 164) }
```

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

```
.background{ background-color: rgb(166,  
200, 164) }
```

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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