

Converting Colors

YIQ(185.2150, 9.4000, -5.1600)

Have a look what the booklet for
YIQ(185.2150, 9.4000, -5.1600)
contains.

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Color

**YIQ(185.2150, 9.4000,
-5.1600)**

Conversions

Conversions Part 1

Format	Color
Hex	BFBAA6
RGB	191, 186, 166
RGB Percent	75%, 73%, 65%
CMY	0.2510, 0.2706, 0.3490
CMYK	0.00, 0.03, 0.13, 0.25
HSL	48°, 16%, 70%
HSV	48°, 13%, 75%
XYZ	45.9284, 48.9469, 43.1099
YIQ	185.2150, 9.4000, -5.1600

Conversions

Conversions Part 2

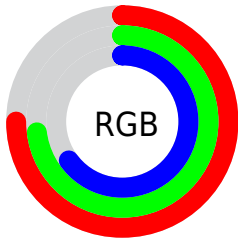
Format	Color
RYB	172, 191, 166
Decimal	12565158
CIELab	75.42, -1.68, 10.76
CIElCh	75, 10.889, 98.900
Yxy	48.9469, 0.3329, 0.3547
Android (android.graphics.Color)	4290755238 (0xFFFBAA6)
YUV	185.2150, -9.4730, 5.0734
Hunter-Lab	69.9621, -5.2526, 12.4396

Details

The YIQ color **185.2150, 9.4000, -5.1600** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **171.7850, -9.4000, 5.1600**, and the grayscale version is **185.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **241.1010, 9.7210, -5.4710**, and **132.0300, 8.4830, -5.0610** is the 20% darker color. If you saturate the color by 10%, you get **180.7010, 16.5990, -8.9770**, and if you desaturate by 10%, it is **189.7290, 2.2010, -1.3430**.

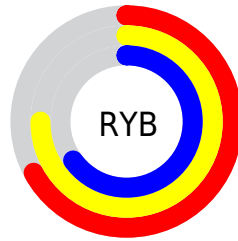
Distribution



Red (75%)

Green (73%)

Blue (65%)



Red (67%)

Yellow (75%)

Blue (65%)

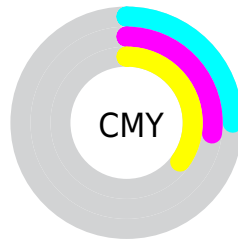


Cyan (0%)

Magenta (3%)

Yellow (13%)

Black (25%)



Cyan (25%)

Magenta (27%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 185.2150, 9.4000, -5.1600 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 185.2150, 9.4000, -5.1600 by changing the saturation by 10% instead.

■ 185.2150, 9.4000,
-5.1600

■ 185.2150, 9.4000,
-5.1600

255.0000, -0.0000,
-0.0000

■ 158.3290, 9.0790,
-4.8490

■ 241.1010, 9.7210,
-5.4710

■ 132.0300, 8.4830,
-5.0610

■ 254.4300, 1.6050,
-1.5550

■ 107.1440, 8.1620,
-4.7500

■ 82.8450, 7.5660,
-4.9620

■ 59.3720, 7.5200,
-4.1280

■ 38.0730, 6.9240,
-4.3400

■ 17.1440, 8.1620,

-4.7500

■ 0.0000, 0.0000,
0.0000

■ 185.2150, 9.4000,
-5.1600

■ 185.2150, 9.4000,
-5.1600

■ 180.7010, 16.5990,
-8.9770

■ 189.7290, 2.2010,
-1.3430

■ 176.1870, 23.7980,
-12.7940

■ 194.2430, -4.9980,
2.4740

■ 172.2600, 30.7220,
-17.1340

■ 198.1700,
-11.9220, 6.8140

■ 167.7460, 37.9210,
-20.9510

■ 202.6840,
-19.1210, 10.6310

■ 163.2320, 45.1200,
-24.7680

■ 206.5140,
-24.3940, 12.5820

■ 158.6040, 52.6400,
-28.8960

■ 208.8620,
-25.4940, 10.4900

■ 154.0900, 59.8390,
-32.7130

■ 211.2100,
-26.5940, 8.3980

■ 149.5760, 67.0380,
-36.5300

■ 213.5580,
-27.6940, 6.3060

■ 146.9200, 71.7610,
-39.5270

■ 215.3190,
-28.5190, 4.7370

Harmonies

Analogous

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



186.5580, 15.8640, -1.1600



185.2150, 9.4000, -5.1600



183.8440, 0.1390, -8.0290

Triad

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



185.2150, 9.4000, -5.1600



182.8280, -20.1270, -4.1830



188.0600, 8.9390, 8.7070

Complementary

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



185.2150, 9.4000, -5.1600



171.7850, -9.4000, 5.1600

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.



187.1560, -0.1390, 8.0290



185.2150, 9.4000, -5.1600



184.4310, -17.3310, 0.2130

Square

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



185.2150, 9.4000, -5.1600



182.5740, -16.5960, -7.6040



186.0730, -10.2710, 4.4250



187.8280, 15.4040, 7.1800

Rectangle

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



185.2150, 9.4000, -5.1600



183.4950, -6.1880, -9.0040



186.0730, -10.2710, 4.4250



187.5050, 6.1880, 9.0040

Sweetspot

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



185.2150, 9.4000, -5.1600



244.6860, 3.7600, -2.0640



174.0450, 13.2950, 6.8550



123.7290, 2.2010, -1.3430



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.



185.2150, 9.4000, -5.1600



237.8580, 14.7190, -7.9450



186.0570, 3.8530, -9.2590



91.8000, 3.4390, -1.7530



121.2040, 59.5180, -32.4020



23.3570, 11.8760, -5.9800

Inverse Universe

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



171.7850, -9.4000, 5.1600



217.1420, -14.7190, 7.9450



170.9430, -3.8530, 9.2590



87.2000, -3.4390, 1.7530



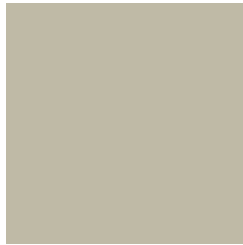
36.7960, -59.5180, 32.4020



7.0560, -11.6010, 6.5030

Previews

White Background



This preview shows how the YIQ color 185.2150, 9.4000, -5.1600 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 185.2150, 9.4000, -5.1600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

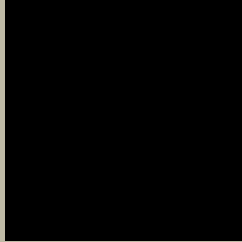
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 185.2150, 9.4000, -5.1600

Background



This preview shows how black text looks on a background with the YIQ color 185.2150, 9.4000, -5.1600.



This preview shows how white text looks on a background with the YIQ color 185.2150, 9.4000,

-5.1600.

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

185.2150, 9.4000, -5.1600

Protanopia

185.5250, 11.4630, -4.0010

Deuteranopia

186.9010, 22.3280, 2.8400



Tritanopia

187.4830, 3.2540, 7.1100

Trichromacy



Original Color

185.2150, 9.4000, -5.1600

Protanomaly

185.2260, 10.8670, -4.2130

Deuteranomaly

186.5690, 17.3310, -0.2130

Tritanomaly

186.5170, 5.9140, 2.9540

Monochromacy



Original Color

185.2150, 9.4000, -5.1600

Achromatopsia

185.0000, -0.0000, -0.0000

Achromatomaly

184.8000, 3.4390, -1.7530

CSS Examples

Text

The CSS property to change the color of the text to YIQ 185.2150, 9.4000, -5.1600 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(191, 186, 166)` looks like.

```
.text, #text, p{  
    color:rgb(191, 186, 166)  
}
```

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(191, 186, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 186, 166) }
```

Border

The CSS property to change the border of an element to YIQ 185.2150, 9.4000, -5.1600 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(191, 186, 166) }
```


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

```
.border{ border-color:rgb(191, 186, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 186, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 186, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 186, 166);  
box-shadow:4px 4px 4px 4px rgb(191, 186,  
166) }
```

Background

The CSS property to change the background color of an element to YIQ 185.2150, 9.4000, -5.1600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 186, 166) }
```

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

```
.background{ background-color: rgb(191,  
186, 166) }
```

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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