

Converting Colors

YIQ(188.5350, 14.6710, 3.9430)

Have a look what the booklet for
YIQ(188.5350, 14.6710, 3.9430)
contains.

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Color

**YIQ(188.5350, 14.6710,
3.9430)**

Conversions

Conversions Part 1

Format	Color
Hex	CDB6B3
RGB	205, 182, 179
RGB Percent	80%, 71%, 70%
CMY	0.1960, 0.2863, 0.2980
CMYK	0.00, 0.11, 0.13, 0.20
HSL	7°, 21%, 75%
HSV	7°, 13%, 80%
XYZ	50.0448, 49.6883, 49.6092
YIQ	188.5350, 14.6710, 3.9430

Conversions

Conversions Part 2

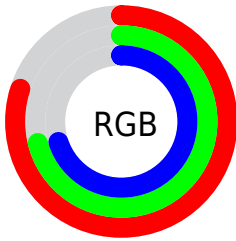
Format	Color
R _Y B	205, 182, 179
Decimal	13481651
CIE Lab	75.88, 7.72, 4.51
CIE LCh	76, 8.945, 30.294
Yxy	49.6883, 0.3351, 0.3327
Android (android.graphics.Color)	4291671731 (0xFFCDB6B3)
YUV	188.5350, -4.7008, 14.4398
Hunter-Lab	70.4899, 3.3699, 7.6160

Details

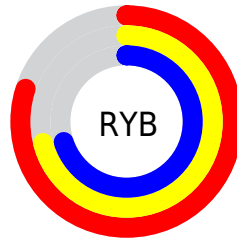
The YIQ color **188.5350, 14.6710, 3.9430** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **195.4650, -14.6710, -3.9430**, and the grayscale version is **189.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **242.7410, 11.0950, 2.6710**, and **135.2360, 14.0750, 3.7310** is the 20% darker color. If you saturate the color by 10%, you get **175.6890, 26.0410, 7.1370**, and if you desaturate by 10%, it is **201.4950, 2.9800, 1.0600**.

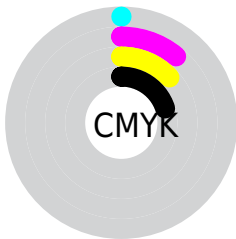
Distribution



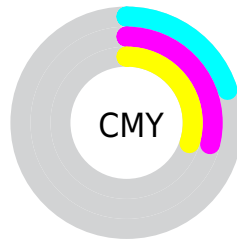
- Red (80%)
- Green (71%)
- Blue (70%)



- Red (80%)
- Yellow (71%)
- Blue (70%)



- Cyan (0%)
- Magenta (11%)
- Yellow (13%)
- Black (20%)



- Cyan (20%)
- Magenta (29%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 188.5350, 14.6710, 3.9430 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 188.5350, 14.6710, 3.9430 by changing the saturation by 10% instead.

■ 188.5350, 14.6710,
3.9430

■ 188.5350, 14.6710,
3.9430

255.0000, -0.0000,
-0.0000

■ 161.2360, 14.0750,
3.7310

■ 242.7410, 11.0950,
2.6710

■ 135.2360, 14.0750,
3.7310

■ 109.9370, 13.4790,
3.5190

■ 85.3390, 12.2870,
3.0950

■ 62.1540, 11.3700,
3.1940

■ 39.8550, 10.7740,
2.9820

■ 19.0400, 11.6910,

2.8830

0.0000, 0.0000,
0.0000

188.5350, 14.6710,
3.9430

188.5350, 14.6710,
3.9430

175.6890, 26.0410,
7.1370

201.4950, 2.9800,
1.0600

162.7290, 37.7320,
10.0200

214.3410, -8.3900,
-2.1340

149.8830, 49.1020,
13.2140

227.3010,
-20.0810, -5.0170

136.3360, 61.0680,
16.6200

240.0500,
-29.8000, -10.6000

123.4900, 72.4380,
19.8140

■ 110.5300, 84.1290,
22.6970

■ 97.6840, 95.4990,
25.8910

■ 84.7240, 107.1900,
28.7740

■ 74.7960, 115.8550,
31.4310

Harmonies

Analogous

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



189.1480, 11.5070, 6.2190



188.5350, 14.6710, 3.9430



187.8290, 13.6630, 0.1830

Triad

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



188.5350, 14.6710, 3.9430



184.8480, -5.6840, -7.1240



187.0190, -10.1790, 2.7570

Complementary

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



188.5350, 14.6710, 3.9430



195.4650, -14.6710, -3.9430

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.



185.2740, -15.4510, -0.8190



188.5350, 14.6710, 3.9430



184.5530, -12.1030, -6.4310

Square

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



188.5350, 14.6710, 3.9430



185.9800, 2.7520, -5.8240



184.8670, -15.8630, -4.3670



188.0200, -2.7520, 5.8240

Rectangle

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



188.5350, 14.6710, 3.9430



187.5790, 11.3710, -2.3330



184.8670, -15.8630, -4.3670



186.7090, -12.2420, 1.5980

Sweetspot

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



188.5350, 14.6710, 3.9430



248.5770, 5.6850, 1.5970



189.3960, 8.1130, 12.6650



123.6800, 3.8970, 0.9610



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.



188.5350, 14.6710, 3.9430



230.7100, 21.5480, 5.9640



196.1660, 11.0960, -2.8560



95.5770, 5.6850, 1.5970



60.7870, 93.7110, 25.2550



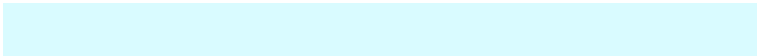
13.7100, 21.5480, 5.9640

Inverse Universe

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



195.4650, -14.6710, -3.9430



241.2900, -21.5480, -5.9640



187.8340, -11.0960, 2.8560



98.4230, -5.6850, -1.5970



105.2130, -93.7110, -25.2550



24.2900, -21.5480, -5.9640

Previews

White Background



This preview shows how the YIQ color 188.5350, 14.6710, 3.9430 looks on a white background.

Color Contrast Check

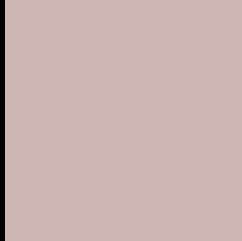
Large Text (above 18pt) WCAG AA × Fail

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 188.5350, 14.6710, 3.9430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

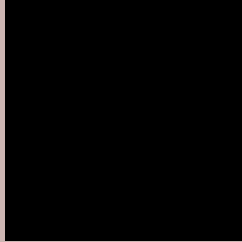
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 188.5350, 14.6710, 3.9430

Background



This preview shows how black text looks on a background with the YIQ color 188.5350, 14.6710, 3.9430.



This preview shows how white text looks on a background with the YIQ color 188.5350, 14.6710,

3.9430.

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

188.5350, 14.6710, 3.9430

Protanopia

187.2240, 5.1810, -0.2830

Deuteranopia

188.8450, 16.7340, 5.1020



Tritanopia

189.6690, 11.5980, 10.0780

Trichromacy



Original Color

188.5350, 14.6710, 3.9430

Protanomaly

188.0180, 8.7570, 0.9890

Deuteranomaly

188.5460, 16.1380, 4.8900

Tritanomaly

189.3870, 12.3320, 7.7880

Monochromacy



Original Color

188.5350, 14.6710, 3.9430

Achromatopsia

189.0000, -0.0000, -0.0000

Achromatomaly

188.5770, 5.6850, 1.5970

CSS Examples

Text

The CSS property to change the color of the text to YIQ 188.5350, 14.6710, 3.9430 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(205, 182, 179)` looks like.

```
.text, #text, p{  
    color:rgb(205, 182, 179)  
}
```

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(205, 182, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 182, 179) }
```

Border

The CSS property to change the border of an element to YIQ 188.5350, 14.6710, 3.9430 is called "border". The border property can be set on classes, ids or directly on the HTML element.

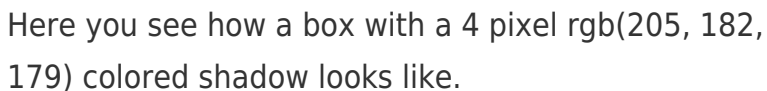
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(205, 182, 179) }
```


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

```
.border{ border-color:rgb(205, 182, 179) }
```

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



Here you see how a box with a 4 pixel `rgb(205, 182, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 182, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 182, 179);  
box-shadow:4px 4px 4px 4px rgb(205, 182,  
179) }
```

Background

The CSS property to change the background color of an element to YIQ 188.5350, 14.6710, 3.9430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 182, 179) }
```

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

```
.background{ background-color: rgb(205,  
182, 179) }
```

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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