

Converting Colors

YIQ(189.4350, 20.4040, -6.3480)

Have a look what the booklet for
YIQ(189.4350, 20.4040, -6.3480)
contains.

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Color

**YIQ(189.4350, 20.4040,
-6.3480)**

Conversions

Conversions Part 1

Format	Color
Hex	CDBC9C
RGB	205, 188, 156
RGB Percent	80%, 74%, 61%
CMY	0.1961, 0.2628, 0.3881
CMYK	0.00, 0.08, 0.24, 0.20
HSL	39°, 33%, 71%
HSV	39°, 24%, 80%
XYZ	49.1630, 51.3444, 38.7838
YIQ	189.4350, 20.4040, -6.3480

Conversions

Conversions Part 2

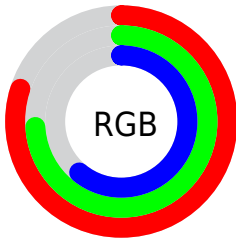
Format	Color
RYB	182, 205, 156
Decimal	13483164
CIELab	76.89, 0.99, 18.38
CIElCh	77, 18.404, 86.927
Yxy	51.3444, 0.3530, 0.3686
Android (android.graphics.Color)	4291673244 (0xFFCDBC9C)
YUV	189.4350, -16.4835, 13.6505
Hunter-Lab	71.6550, -2.9263, 18.0674

Details

The YIQ color **189.4350, 20.4040, -6.3480** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **171.5650, -20.4040, 6.3480**, and the grayscale version is **190.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **243.5270, 17.1490, -7.9310**, and **136.0650, 18.5700, -6.1500** is the 20% darker color. If you saturate the color by 10%, you get **183.0460, 28.7490, -8.9070**, and if you desaturate by 10%, it is **195.9380, 11.7380, -3.4780**.

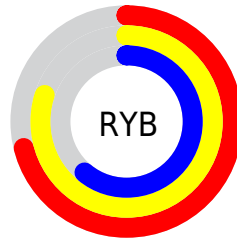
Distribution



Red (80%)

Green (74%)

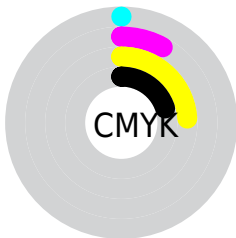
Blue (61%)



Red (71%)

Yellow (80%)

Blue (61%)

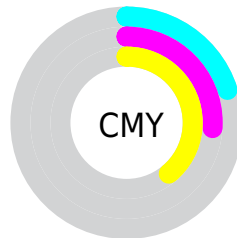


Cyan (0%)

Magenta (8%)

Yellow (24%)

Black (20%)



Cyan (20%)


Magenta (26%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 189.4350, 20.4040, -6.3480 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 189.4350, 20.4040, -6.3480 by changing the saturation by 10% instead.


 189.4350, 20.4040,
-6.3480


 189.4350, 20.4040,
-6.3480


255.0000, -0.0000,
-0.0000


 162.2500, 19.4870,
-6.2490


 243.5270, 17.1490,
-7.9310


 136.0650, 18.5700,
-6.1500

 253.1760, 5.1360,
-4.9760

 110.7660, 17.9740,
-6.3620

 85.9940, 17.3320,
-5.7400

 62.5100, 15.8190,
-5.8530

 40.3250, 14.9020,
-5.7540

 20.4110, 11.7840,

-4.3120

0.0000, 0.0000,
0.0000

189.4350, 20.4040,
-6.3480

189.4350, 20.4040,
-6.3480

183.0460, 28.7490,
-8.9070

195.9380, 11.7380,
-3.4780

176.5430, 37.4150,
-11.7770

202.3270, 3.3930,
-0.9190

170.1540, 45.7600,
-14.3360

208.8300, -5.2730,
1.9510

163.6510, 54.4260,
-17.2060

215.2190,
-13.6180, 4.5100

156.6750, 63.0460,
-19.2420

221.8530,
-21.2750, 5.6130

■ 150.1720, 71.7120,
-22.1120

■ 225.9620,
-23.2000, 1.9520

■ 143.7830, 80.0570,
-24.6710

■ 230.0710,
-25.1250, -1.7090

■ 139.9530, 85.3300,
-26.6220

■ 234.1800,
-27.0500, -5.3700

■ 238.2890,
-28.9750, -9.0310

Harmonies

Analogous

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



191.3700, 28.1970, 1.1010



189.4350, 20.4040, -6.3480



187.0310, 6.7420, -12.0580

Triad

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



189.4350, 20.4040, -6.3480



183.5380, -34.1100, -9.5820



192.8630, 8.2960, 14.8560

Complementary

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



189.4350, 20.4040, -6.3480



171.5650, -20.4040, 6.3480

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.



191.3710, -7.9340, 11.6340



189.4350, 20.4040, -6.3480



185.6400, -34.1570, -3.2210

Square

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



189.4350, 20.4040, -6.3480



183.8670, -25.0310, -14.4310



188.6570, -23.6590, 4.7650



193.0510, 22.3260, 13.8940

Rectangle

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



189.4350, 20.4040, -6.3480



185.7030, -4.0780, -14.2060



188.6570, -23.6590, 4.7650



192.4110, 3.7570, 14.5170

Sweetspot

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



189.4350, 20.4040, -6.3480



249.4260, 7.4280, -2.4600



172.5890, 23.7470, 15.6750



124.3980, 4.6310, -1.3290



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.



189.4350, 20.4040, -6.3480



231.3020, 30.9040, -9.4160



197.3210, 11.5570, -16.7230



98.5120, 4.3100, -1.0180



113.0300, 69.2360, -21.2920



26.0370, 15.7730, -5.0190

Inverse Universe

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



171.5650, -20.4040, 6.3480



204.6980, -30.9040, 9.4160



163.6790, -11.5570, 16.7230



94.9010, -4.0350, 1.5410



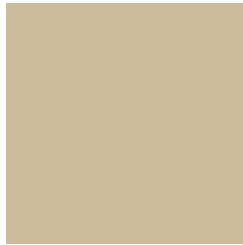
52.9700, -69.2360, 21.2920



11.9630, -15.7730, 5.0190

Previews

White Background



This preview shows how the YIQ color 189.4350, 20.4040, -6.3480 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 189.4350, 20.4040, -6.3480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

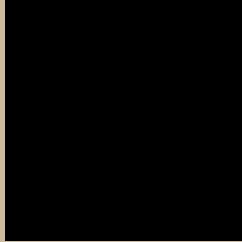
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 189.4350, 20.4040, -6.3480

Background



This preview shows how black text looks on a background with the YIQ color 189.4350, 20.4040, -6.3480.



This preview shows how white text looks on a background with the YIQ color 189.4350, 20.4040, -6.3480.

-6.3480.

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

189.4350, 20.4040, -6.3480

Protanopia

188.9400, 17.4240, -7.4080

Deuteranopia

191.0990, 30.3980, -0.2420



Tritanopia

192.0820, 11.8730, 10.6010

Trichromacy



Original Color

189.4350, 20.4040, -6.3480

Protanomaly

189.2390, 18.0200, -7.1960

Deuteranomaly

190.7780, 26.8680, -2.3480

Tritanomaly

190.9480, 14.9460, 4.4660

Monochromacy



Original Color

189.4350, 20.4040, -6.3480

Achromatopsia

189.0000, -0.0000, -0.0000

Achromatomaly

189.4260, 7.4280, -2.4600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 189.4350, 20.4040, -6.3480 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, 188, 156)` looks like.

```
.text, #text, p{  
    color:rgb(205, 188, 156)  
}
```

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, 188, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 188, 156) }
```

Border

The CSS property to change the border of an element to YIQ 189.4350, 20.4040, -6.3480 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, 188, 156) }
```


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

```
.border{ border-color:rgb(205, 188, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 188, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 188, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 188, 156);  
box-shadow:4px 4px 4px 4px rgb(205, 188,  
156) }
```

Background

The CSS property to change the background color of an element to YIQ 189.4350, 20.4040, -6.3480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 188, 156) }
```

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

```
.background{ background-color: rgb(205,  
188, 156) }
```

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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