

Converting Colors

YIQ(189.8140, 44.3820, -0.3700)

Have a look what the booklet for
YIQ(189.8140, 44.3820, -0.3700)
contains.

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Color

**YIQ(189.8140, 44.3820,
-0.3700)**

Conversions

Conversions Part 1

Format	Color
Hex	E8B28C
RGB	232, 178, 140
RGB Percent	91%, 70%, 55%
CMY	0.0901, 0.3020, 0.4508
CMYK	0.00, 0.23, 0.40, 0.09
HSL	25°, 67%, 73%
HSV	25°, 40%, 91%
XYZ	53.9407, 50.8870, 31.8104
YIQ	189.8140, 44.3820, -0.3700

Conversions

Conversions Part 2

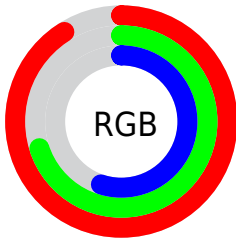
Format	Color
R _Y B	232, 205, 140
Decimal	15250060
CIE Lab	76.61, 14.78, 26.96
CIE LCh	77, 30.750, 61.270
Yxy	50.8870, 0.3948, 0.3724
Android (android.graphics.Color)	4293440140 (0xFFE8B28C)
YUV	189.8140, -24.5583, 36.9971
Hunter-Lab	71.3351, 10.1380, 23.4954

Details

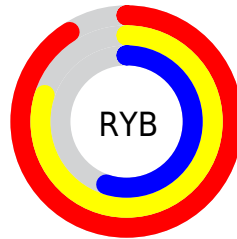
The YIQ color **189.8140, 44.3820, -0.3700** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **182.1860, -44.3820, 0.3700**, and the grayscale version is **190.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **235.7190, 25.3560, -7.9880**, and **135.9600, 41.0350, -0.2850** is the 20% darker color. If you saturate the color by 10%, you get **178.9740, 55.6150, -0.2010**, and if you desaturate by 10%, it is **200.6540, 33.1490, -0.5390**.

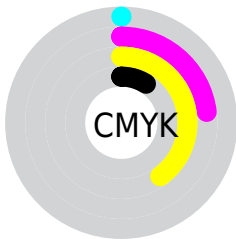
Distribution



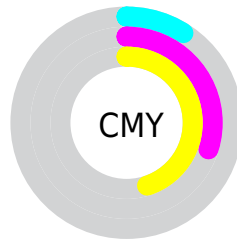
- Red (91%)
- Green (70%)
- Blue (55%)



- Red (91%)
- Yellow (80%)
- Blue (55%)



- Cyan (0%)
- Magenta (23%)
- Yellow (40%)
- Black (9%)





- Cyan (9%)
- Magenta (30%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 189.8140, 44.3820, -0.3700 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 189.8140, 44.3820, -0.3700 by changing the saturation by 10% instead.


 189.8140, 44.3820,
-0.3700


 189.8140, 44.3820,
-0.3700


255.0000, -0.0000,
-0.0000


 162.3300, 42.8690,
-0.4830


 235.7190, 25.3560,
-7.9880


 135.9600, 41.0350,
-0.2850


 251.2380, 10.5930,
-10.2630

 110.1770, 38.9260,
-0.6100

 254.5440, 1.2840,
-1.2440

 85.3940, 36.8170,
-0.9350

 61.3120, 34.1120,
-1.4720

 39.1160, 31.7280,
-2.3200

 19.0150, 22.0070,

3.1510

■ 0.0000, 0.0000,
0.0000

■ 189.8140, 44.3820,
-0.3700

■ 189.8140, 44.3820,
-0.3700

■ 178.9740, 55.6150,
-0.2010

■ 200.6540, 33.1490,
-0.5390

■ 168.7210, 66.5730,
-0.5550

■ 210.9070, 22.1910,
-0.1850

■ 157.7670, 78.1270,
-0.6970

■ 221.8610, 10.6370,
-0.0430

■ 146.9270, 89.3600,
-0.5280

■ 232.7010, -0.5960,
-0.2120

■ 136.6740,
100.3180, -0.8820

■ 242.8400,
-11.2330, -0.1690

■ 125.8340,
111.5510, -0.7130

■ 248.1230,
-13.7080, -4.8760

■ 125.7200,
111.8720, -1.0240

Harmonies

Analogous

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



191.3990, 47.5890, 13.1010



189.8140, 44.3820, -0.3700



187.5960, 29.8960, -13.1760

Triad

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



189.8140, 44.3820, -0.3700



176.2660, -48.5040, -24.0560



191.6840, -9.9530, 20.6950

Complementary

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



189.8140, 44.3820, -0.3700



182.1860, -44.3820, 0.3700

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.



186.0930, -39.3860, 8.9500



189.8140, 44.3820, -0.3700



174.5000, -66.4780, -17.6940

Square

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



189.8140, 44.3820, -0.3700



180.2830, -20.8110, -24.8350



178.6290, -61.9870, -5.4670



193.5750, 18.3350, 25.6550

Rectangle

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



189.8140, 44.3820, -0.3700



185.5940, 15.0420, -19.3100



178.6290, -61.9870, -5.4670



190.6010, -20.0850, 17.0910

Sweetspot

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



189.8140, 44.3820, -0.3700



240.9000, 14.9010, -0.2270



173.7780, 37.1770, 36.6090



119.4910, 8.8030, 0.1550



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.



189.8140, 44.3820, -0.3700



198.8280, 58.9620, -0.2860



216.2290, 32.0070, -23.9050



109.5230, 5.7770, -0.0710



96.9590, 86.3340, -0.7540



27.5760, 24.6210, -0.1710

Inverse Universe

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



182.1860, -44.3820, 0.3700



189.1720, -58.9620, 0.2860



155.7710, -32.0070, 23.9050



108.4770, -5.7770, 0.0710



82.0410, -86.3340, 0.7540



23.4240, -24.6210, 0.1710

Previews

White Background



This preview shows how the YIQ color 189.8140, 44.3820, -0.3700 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 189.8140, 44.3820, -0.3700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

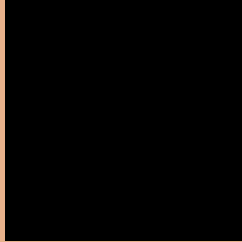
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 189.8140, 44.3820, -0.3700

Background



This preview shows how black text looks on a background with the YIQ color 189.8140, 44.3820, -0.3700.



This preview shows how white text looks on a background with the YIQ color 189.8140, 44.3820, -0.3700.

-0.3700.

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

189.8140, 44.3820, -0.3700

Protanopia

187.8710, 21.8720, -10.9280

Deuteranopia

189.0690, 39.1100, -3.9460



Tritanopia

192.6180, 33.9710, 17.6110

Trichromacy



Original Color

189.8140, 44.3820, -0.3700

Protanomaly

188.5840, 30.1700, -7.1260

Deuteranomaly

189.3790, 41.1730, -2.7870

Tritanomaly

191.6690, 37.9610, 11.3770

Monochromacy



Original Color

189.8140, 44.3820, -0.3700

Achromatopsia

190.0000, -0.0000, -0.0000

Achromatomaly

190.0850, 15.8180, -0.3260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 189.8140, 44.3820, -0.3700 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(232, 178, 140)` looks like.

```
.text, #text, p{  
    color:rgb(232, 178, 140)  
}
```

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(232, 178, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 178, 140) }
```

Border

The CSS property to change the border of an element to YIQ 189.8140, 44.3820, -0.3700 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(232, 178, 140) }
```


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

```
.border{ border-color:rgb(232, 178, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 178, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 178, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 178, 140);  
box-shadow:4px 4px 4px 4px rgb(232, 178,  
140) }
```

Background

The CSS property to change the background color of an element to YIQ 189.8140, 44.3820, -0.3700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 178, 140) }
```

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

```
.background{ background-color: rgb(232,  
178, 140) }
```

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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