

Converting Colors

YIQ(189.3570, 38.2390, -4.6810)

Have a look what the booklet for
YIQ(189.3570, 38.2390, -4.6810)
contains.

YIQ(189.3570, 38.2390, -4.6810)	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(189.3570, 38.2390,
-4.6810)**

Conversions

Conversions Part 1

Format	Color
Hex	DFB68B
RGB	223, 182, 139
RGB Percent	87%, 71%, 55%
CMY	0.1254, 0.2863, 0.4547
CMYK	0.00, 0.18, 0.38, 0.13
HSL	31°, 57%, 71%
HSV	31°, 38%, 87%
XYZ	51.8250, 51.0051, 31.5577
YIQ	189.3570, 38.2390, -4.6810

Conversions

Conversions Part 2

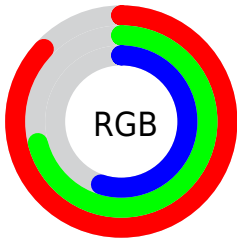
Format	Color
R _Y B	219, 223, 139
Decimal	14661259
CIE Lab	76.68, 8.99, 27.44
CIE LCh	77, 28.875, 71.864
Yxy	51.0051, 0.3856, 0.3795
Android (android.graphics.Color)	4292851339 (0xFFDFB68B)
YUV	189.3570, -24.8260, 29.5049
Hunter-Lab	71.4179, 4.5490, 23.7938

Details

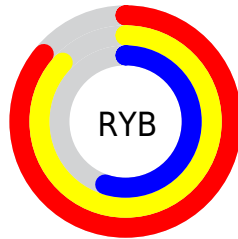
The YIQ color $189.3570, 38.2390, -4.6810$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $172.6430, -38.2390, 4.6810$, and the grayscale version is $190.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $237.9530, 24.5770, -10.3910$, and $135.5030, 34.8920, -4.5960$ is the 20% darker color. If you saturate the color by 10%, you get $180.3920, 48.3260, -5.7700$, and if you desaturate by 10%, it is $198.3220, 28.1520, -3.5920$.

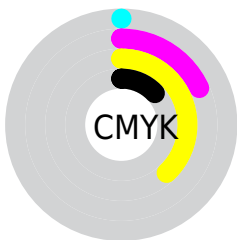
Distribution



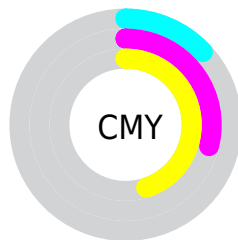
- Red (87%)
- Green (71%)
- Blue (55%)



- Red (86%)
- Yellow (87%)
- Blue (55%)



- Cyan (0%)
- Magenta (18%)
- Yellow (38%)
- Black (13%)





- Cyan (13%)
- Magenta (29%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 189.3570, 38.2390, -4.6810 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 189.3570, 38.2390, -4.6810 by changing the saturation by 10% instead.


 189.3570, 38.2390,
-4.6810


 189.3570, 38.2390,
-4.6810


255.0000, -0.0000,
-0.0000


 161.8730, 36.7260,
-4.7940


 237.9530, 24.5770,
-10.3910


 135.5030, 34.8920,
-4.5960


 251.1240, 10.9140,
-10.5740

 110.0190, 33.3790,
-4.7090

 254.3160, 1.9260,
-1.8660

 85.2360, 31.2700,
-5.0340

 61.4530, 29.1610,
-5.3590

 39.0830, 27.3270,
-5.1610

 19.8680, 17.9270,

-0.0010

■ 0.0000, 0.0000,
0.0000

■ 189.3570, 38.2390,
-4.6810

■ 189.3570, 38.2390,
-4.6810

■ 180.3920, 48.3260,
-5.7700

■ 198.3220, 28.1520,
-3.5920

■ 171.3130, 58.7340,
-7.1700

■ 207.4010, 17.7440,
-2.1920

■ 162.3480, 68.8210,
-8.2590

■ 216.3660, 7.6570,
-1.1030

■ 153.3830, 78.9080,
-9.3480

■ 225.3310, -2.4300,
-0.0140

■ 145.0050, 88.7200,
-10.9600

■ 233.8230,
-12.5630, 1.9090

■ 135.9260, 99.1280,
-12.3600

■ 240.7360,
-16.8720, -2.6000

■ 133.5950,
101.5580, -12.3460

■ 245.4320,
-19.0720, -6.7840

Harmonies

Analogous

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



191.2690, 44.8390, 7.8710



189.3570, 38.2390, -4.6810



186.9370, 21.5060, -15.3100

Triad

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



189.3570, 38.2390, -4.6810



176.5200, -52.0350, -20.6350



193.0720, 0.6380, 21.4860

Complementary

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



189.3570, 38.2390, -4.6810



172.6430, -38.2390, 4.6810

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.



188.9590, -27.1450, 12.8790



189.3570, 38.2390, -4.6810



177.0000, -61.8940, -12.6620

Square

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



189.3570, 38.2390, -4.6810



180.0310, -28.7890, -23.4210



182.3640, -50.7550, 0.2290



193.9300, 24.5250, 23.6050

Rectangle

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



189.3570, 38.2390, -4.6810



184.5760, 6.2850, -20.2990



182.3640, -50.7550, 0.2290



191.9290, -9.2650, 19.2390

Sweetspot

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



189.3570, 38.2390, -4.6810



243.5900, 12.8380, -1.3860



168.9040, 36.5820, 30.8700



120.7790, 7.9320, -0.5800



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.



189.3570, 38.2390, -4.6810



209.0180, 52.3150, -6.4770



213.4240, 26.9640, -26.1240



107.8110, 4.9060, -0.8060



105.4540, 80.1460, -9.7580



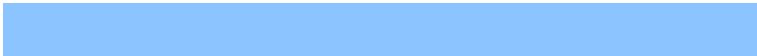
29.0270, 21.7330, -2.8990

Inverse Universe

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



172.6430, -38.2390, 4.6810



185.9820, -52.3150, 6.4770



148.5760, -26.9640, 26.1240



105.1890, -4.9060, 0.8060



70.5460, -80.1460, 9.7580



19.5600, -22.0080, 2.3760

Previews

White Background



This preview shows how the YIQ color 189.3570, 38.2390, -4.6810 looks on a white background.

Color Contrast Check

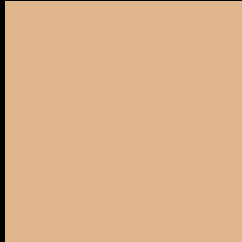
Large Text (above 18pt) WCAG AA × Fail

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 189.3570, 38.2390, -4.6810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

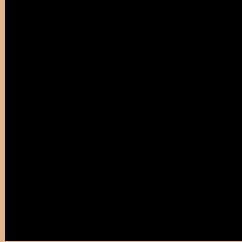
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 189.3570, 38.2390, -4.6810

Background



This preview shows how black text looks on a background with the YIQ color 189.3570, 38.2390, -4.6810.



This preview shows how white text looks on a background with the YIQ color 189.3570, 38.2390,

-4.6810.

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

189.3570, 38.2390, -4.6810

Protanopia

187.8280, 23.4310, -11.6490

Deuteranopia

189.6560, 38.8350, -4.4690



Tritanopia

192.4430, 27.0940, 15.5900

Trichromacy



Original Color

189.3570, 38.2390, -4.6810

Protanomaly

188.0460, 28.7490, -8.9070

Deuteranomaly

189.6560, 38.8350, -4.4690

Tritanomaly

191.5540, 30.8550, 7.9990

Monochromacy



Original Color

189.3570, 38.2390, -4.6810

Achromatopsia

189.0000, -0.0000, -0.0000

Achromatomaly

188.7750, 13.7550, -1.4850

CSS Examples

Text

The CSS property to change the color of the text to YIQ 189.3570, 38.2390, -4.6810 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(223, 182, 139)` looks like.

```
.text, #text, p{  
    color:rgb(223, 182, 139)  
}
```

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(223, 182, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 182, 139) }
```

Border

The CSS property to change the border of an element to YIQ 189.3570, 38.2390, -4.6810 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(223, 182, 139) }
```


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

```
.border{ border-color:rgb(223, 182, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 182, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 182, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 182, 139);  
box-shadow:4px 4px 4px 4px rgb(223, 182,  
139) }
```

Background

The CSS property to change the background color of an element to YIQ 189.3570, 38.2390, -4.6810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 182, 139) }
```

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

```
.background{ background-color: rgb(223,  
182, 139) }
```

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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