

Converting Colors

YIQ(209.7100, 38.7430, -2.8010)

Have a look what the booklet for
YIQ(209.7100, 38.7430, -2.8010)
contains.

YIQ(209.7100, 38.7430, -2.8010)	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(209.7100, 38.7430,
-2.8010)**

Conversions

Conversions Part 1

Format	Color
Hex	F5C9A2
RGB	245, 201, 162
RGB Percent	96%, 79%, 64%
CMY	0.0391, 0.2118, 0.3645
CMYK	0.00, 0.18, 0.34, 0.04
HSL	28°, 81%, 80%
HSV	28°, 34%, 96%
XYZ	65.0714, 63.7911, 43.0876
YIQ	209.7100, 38.7430, -2.8010

Conversions

Conversions Part 2

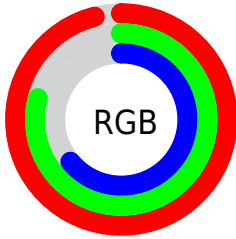
Format	Color
R_{YB}	245, 236, 162
Decimal	16107938
CIE _{Lab}	83.86, 10.26, 25.33
CIE _{LCh}	84, 27.332, 67.952
Yxy	63.7911, 0.3784, 0.3710
Android (android.graphics.Color)	4294298018 (0xFFFF5C9A2)
YUV	209.7100, -23.5210, 30.9493
Hunter-Lab	79.8693, 5.6568, 23.9230

Details

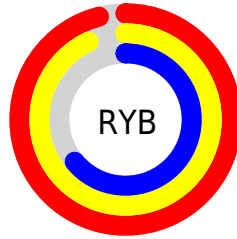
The YIQ color **209.7100, 38.7430, -2.8010** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **197.2900, -38.7430, 2.8010**, and the grayscale version is **210.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **250.6680, 12.1980, -11.8180**, and **154.7420, 35.7170, -3.0270** is the 20% darker color. If you saturate the color by 10%, you get **199.3430, 50.0220, -3.4660**, and if you desaturate by 10%, it is **220.1910, 27.1430, -1.8250**.

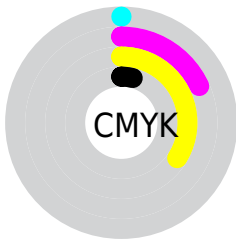
Distribution



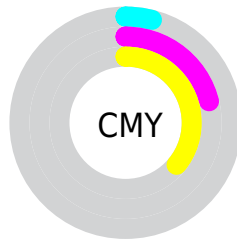
- Red (96%)
- Green (79%)
- Blue (64%)



- Red (96%)
- Yellow (93%)
- Blue (64%)



- Cyan (0%)
- Magenta (18%)
- Yellow (34%)
- Black (4%)





- Cyan (4%)
- Magenta (21%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 209.7100, 38.7430, -2.8010 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 209.7100, 38.7430, -2.8010 by changing the saturation by 10% instead.


 209.7100, 38.7430,
-2.8010

 209.7100, 38.7430,
-2.8010


255.0000, -0.0000,
-0.0000


 182.2260, 37.2300,
-2.9140


 250.6680, 12.1980,
-11.8180


 154.7420, 35.7170,
-3.0270

 253.9740, 2.8890,
-2.7990

 128.6710, 34.4790,
-2.6170

 102.8880, 32.3700,
-2.9420

 78.9910, 30.5820,
-3.5780

 55.3220, 28.1520,
-3.5920

 33.7670, 25.4010,

-3.2950

■ 12.5030, 17.6970,
4.1690

■ 0.0000, 0.0000,
0.0000

■ 209.7100, 38.7430,
-2.8010

■ 209.7100, 38.7430,
-2.8010

■ 199.3430, 50.0220,
-3.4660

■ 220.1910, 27.1430,
-1.8250

■ 188.8620, 61.6220,
-4.4420

■ 230.5580, 15.8640,
-1.1600

■ 178.4950, 72.9010,
-5.1070

■ 241.0390, 4.2640,
-0.1840

■ 168.0140, 84.5010,
-6.0830

■ 250.8360, -5.4100,
-1.0740

■ 157.6470, 95.7800,
-6.7480

■ 252.0100, -5.9600,
-2.1200

■ 147.1660,
107.3800, -7.7240

■ 140.7600,
114.3950, -8.2050

Harmonies

Analogous

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



210.5290, 41.1710, 8.2670



209.7100, 38.7430, -2.8010



207.3610, 23.2480, -13.8400

Triad

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



209.7100, 38.7430, -2.8010



198.1570, -46.5790, -20.3950



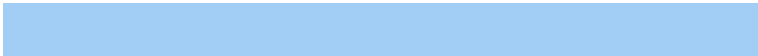
212.2780, -2.9380, 20.2140

Complementary

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



209.7100, 38.7430, -2.8010



197.2900, -38.7430, 2.8010

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.



207.6660, -27.8780, 9.6420



209.7100, 38.7430, -2.8010



198.3380, -57.0340, -12.6340

Square

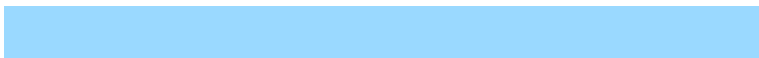
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



209.7100, 38.7430, -2.8010



200.8960, -23.9750, -22.5590



202.4950, -49.7460, -1.5380



213.5490, 21.2240, 22.8560

Rectangle

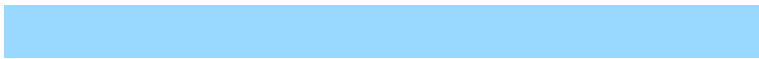
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



209.7100, 38.7430, -2.8010



205.1850, 8.9440, -18.9280



202.4950, -49.7460, -1.5380



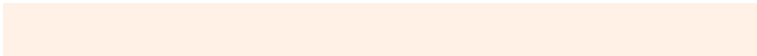
211.2060, -11.6030, 17.5570

Sweetspot

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



209.7100, 38.7430, -2.8010



243.9320, 11.8750, -0.4530



191.8330, 35.3440, 31.2800



120.8930, 7.6110, -0.2690



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.



209.7100, 38.7430, -2.8010



210.7450, 48.8300, -3.8900



233.7770, 27.4680, -24.2440



117.1100, 5.5020, -0.5940



106.6830, 86.9310, -6.0690



34.0770, 27.4640, -2.1360

Inverse Universe

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



197.2900, -38.7430, 2.8010



194.8420, -49.1050, 3.3670



173.2230, -27.4680, 24.2440



115.4770, -5.7770, 0.0710



79.3170, -86.9310, 6.0690



24.9230, -27.4640, 2.1360

Previews

White Background



This preview shows how the YIQ color 209.7100, 38.7430, -2.8010 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 209.7100, 38.7430, -2.8010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

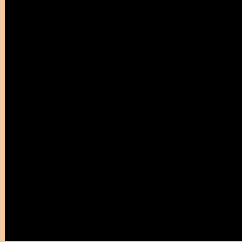
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 209.7100, 38.7430, -2.8010

Background



This preview shows how black text looks on a background with the YIQ color 209.7100, 38.7430, -2.8010.



This preview shows how white text looks on a background with the YIQ color 209.7100, 38.7430,

-2.8010.

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

209.7100, 38.7430, -2.8010

Protanopia

208.2840, 22.1470, -10.4050

Deuteranopia

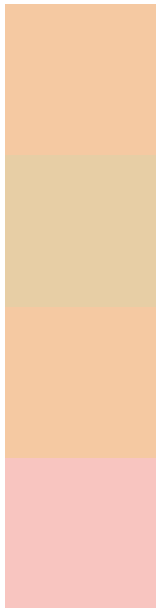
209.7100, 38.7430, -2.8010



Tritanopia

212.4540, 28.5610, 16.5370

Trichromacy



Original Color

209.7100, 38.7430, -2.8010

Protanomaly

208.8010, 28.0610, -7.4510

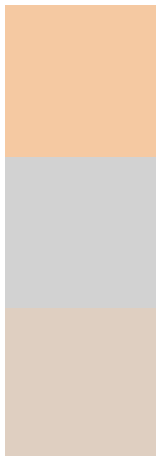
Deuteranomaly

209.7100, 38.7430, -2.8010

Tritanomaly

211.6790, 32.0010, 9.2570

Monochromacy



Original Color

209.7100, 38.7430, -2.8010

Achromatopsia

210.0000, 0.0000, 0.0000

Achromatomaly

210.1880, 14.0300, -0.9620

CSS Examples

Text

The CSS property to change the color of the text to YIQ 209.7100, 38.7430, -2.8010 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(245, 201, 162)` looks like.

```
.text, #text, p{  
    color:rgb(245, 201, 162)  
}
```

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(245, 201, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 201, 162) }
```

Border

The CSS property to change the border of an element to YIQ 209.7100, 38.7430, -2.8010 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(245, 201, 162) }
```


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

```
.border{ border-color:rgb(245, 201, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 201, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 201, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 201, 162);  
box-shadow:4px 4px 4px 4px rgb(245, 201,  
162) }
```

Background

The CSS property to change the background color of an element to YIQ 209.7100, 38.7430, -2.8010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 201, 162) }
```

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

```
.background{ background-color: rgb(245,  
201, 162) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor