

Converting Colors

YIQ(214.2250, 38.9710, 4.0830)

Have a look what the booklet for
YIQ(214.2250, 38.9710, 4.0830)
contains.

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Color

**YIQ(214.2250, 38.9710,
4.0830)**

Conversions

Conversions Part 1

Format	Color
Hex	FEC9B2
RGB	254, 201, 178
RGB Percent	100%, 79%, 70%
CMY	0.0038, 0.2118, 0.3018
CMYK	0.00, 0.21, 0.30, 0.00
HSL	18°, 98%, 85%
HSV	18°, 30%, 100%
XYZ	69.8052, 66.0552, 51.2134
YIQ	214.2250, 38.9710, 4.0830

Conversions

Conversions Part 2

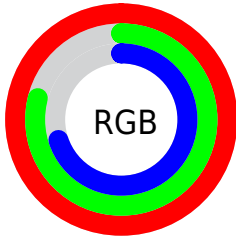
Format	Color
RYB	254, 211, 178
Decimal	16697778
CIELab	85.02, 15.66, 18.64
CIELCh	85, 24.349, 49.962
Yxy	66.0552, 0.3731, 0.3531
Android (android.graphics.Color)	4294887858 (0xFFFE9B2)
YUV	214.2250, -17.8589, 34.8827
Hunter-Lab	81.2744, 11.0806, 19.5316

Details

The YIQ color $214.2250, 38.9710, 4.0830$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $217.7750, -38.9710, -4.0830$, and the grayscale version is $214.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $252.6060, 6.7410, -6.5310$, and $159.1430, 36.2660, 3.5460$ is the 20% darker color. If you saturate the color by 10%, you get $200.8090, 51.9460, 5.7220$, and if you desaturate by 10%, it is $227.6410, 25.9960, 2.4440$.

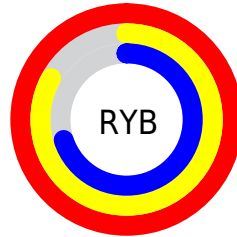
Distribution



Red (100%)

Green (79%)

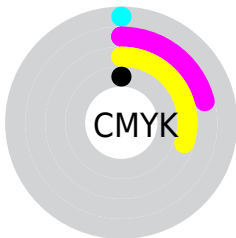
Blue (70%)



Red (100%)

Yellow (83%)

Blue (70%)

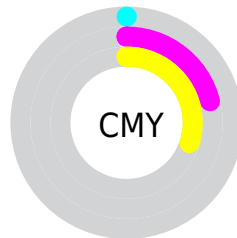


Cyan (0%)

Magenta (21%)

Yellow (30%)

Black (0%)



Cyan (0%)


Magenta (21%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 214.2250, 38.9710, 4.0830 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 214.2250, 38.9710, 4.0830 by changing the saturation by 10% instead.


 214.2250, 38.9710,
4.0830


 214.2250, 38.9710,
4.0830


255.0000, -0.0000,
-0.0000


 186.6270, 37.7790,
3.6590


 252.6060, 6.7410,
-6.5310

 159.1430, 36.2660,
3.5460

 132.6590, 34.7530,
3.4330

 107.1750, 33.2400,
3.3200

 82.3920, 31.1310,
2.9950

 58.7230, 28.7010,
2.9810

 36.2990, 26.9590,

1.5110

■ 14.8950, 22.4650,
5.8650

■ 0.0000, 0.0000,
0.0000

■ 214.2250, 38.9710,
4.0830

■ 214.2250, 38.9710,
4.0830

■ 200.8090, 51.9460,
5.7220

■ 227.6410, 25.9960,
2.4440

■ 187.8660, 64.9670,
6.5270

■ 240.5840, 12.9750,
1.6390

■ 174.4500, 77.9420,
8.1660

■ 254.0000, -0.0000,
-0.0000

■ 160.9200, 91.2380,
9.4940

■ 254.7010, -0.5960,
-0.2120

■ 147.5040,
104.2130, 11.1330

■ 134.6750,
116.9130, 12.2490

■ 121.1450,
130.2090, 13.5770

Harmonies

Analogous

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



214.4560, 34.2470, 12.6070



214.2250, 38.9710, 4.0830



211.9970, 30.4450, -6.6030

Triad

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



214.2250, 38.9710, 4.0830



204.0680, -30.2110, -19.6750



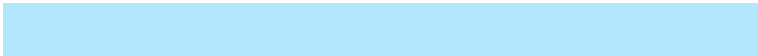
213.3470, -16.5540, 13.6700

Complementary

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



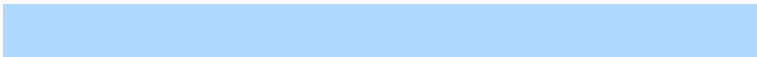
214.2250, 38.9710, 4.0830



217.7750, -38.9710, -4.0830

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.



209.0730, -36.6340, 3.1260



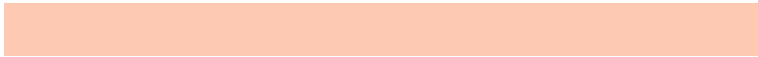
214.2250, 38.9710, 4.0830



202.5040, -45.9380, -15.4900

Square

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



214.2250, 38.9710, 4.0830



206.9750, -8.0200, -19.8600



205.1050, -48.8280, -7.1640



216.4270, 6.8280, 19.4360

Rectangle

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



214.2250, 38.9710, 4.0830



210.4470, 20.1300, -12.3980



205.1050, -48.8280, -7.1640



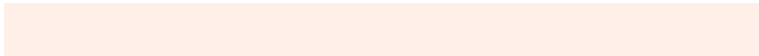
212.1180, -23.3390, 9.9810

Sweetspot

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



214.2250, 38.9710, 4.0830



242.9860, 11.7830, 1.2150



206.7660, 28.2830, 32.5950



120.4200, 7.5650, 0.5650



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.



214.2250, 38.9710, 4.0830



206.9440, 47.1320, 4.8600



236.5310, 28.5210, -15.7910



121.2350, 6.6480, 0.6640



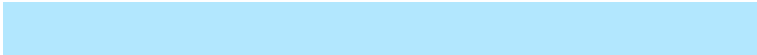
91.1550, 97.8860, 10.1580



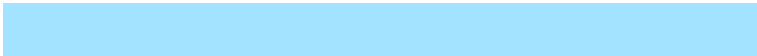
30.2890, 32.9190, 3.6310

Inverse Universe

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



217.7750, -38.9710, -4.0830



211.0560, -47.1320, -4.8600



195.4690, -28.5210, 15.7910



121.7650, -6.6480, -0.6640



100.4320, -98.1610, -10.6810



33.7110, -32.9190, -3.6310

Previews

White Background



This preview shows how the YIQ color 214.2250, 38.9710, 4.0830 looks on a white background.

Color Contrast Check

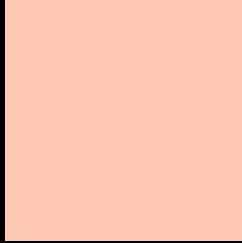
Large Text (above 18pt) WCAG AA × Fail

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 214.2250, 38.9710, 4.0830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

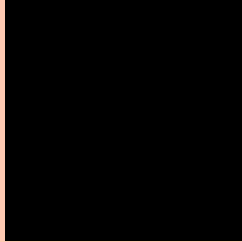
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 214.2250, 38.9710, 4.0830

Background



This preview shows how black text looks on a background with the YIQ color 214.2250, 38.9710, 4.0830.



This preview shows how white text looks on a background with the YIQ color 214.2250, 38.9710,

4.0830.

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

214.2250, 38.9710, 4.0830

Protanopia

212.0970, 15.5440, -6.3760

Deuteranopia

213.4800, 33.6990, 0.5070



Tritanopia

215.9380, 30.0740, 16.6500

Trichromacy



Original Color

214.2250, 38.9710, 4.0830

Protanomaly

212.8100, 23.8420, -2.5740

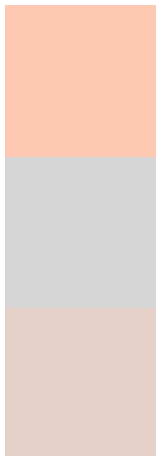
Deuteranomaly

213.7900, 35.7620, 1.6660

Tritanomaly

215.1570, 33.6510, 12.3950

Monochromacy



Original Color

214.2250, 38.9710, 4.0830

Achromatopsia

214.0000, -0.0000, 0.0000

Achromatomaly

214.0680, 14.4880, 1.7520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 214.2250, 38.9710, 4.0830 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(254, 201, 178)` looks like.

```
.text, #text, p{  
    color:rgb(254, 201, 178)  
}
```

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(254, 201, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 201, 178) }
```

Border

The CSS property to change the border of an element to YIQ 214.2250, 38.9710, 4.0830 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(254, 201, 178) }
```


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

```
.border{ border-color:rgb(254, 201, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 201, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 201, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 201, 178);  
box-shadow:4px 4px 4px 4px rgb(254, 201,  
178) }
```

Background

The CSS property to change the background color of an element to YIQ 214.2250, 38.9710, 4.0830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 201, 178) }
```

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

```
.background{ background-color: rgb(254,  
201, 178) }
```

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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