

Converting Colors

YIQ(214.9920, 38.0090, -0.5110)

Have a look what the booklet for
YIQ(214.9920, 38.0090, -0.5110)
contains.

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Color

**YIQ(214.9920, 38.0090,
-0.5110)**

Conversions

Conversions Part 1

Format	Color
Hex	FBCDAC
RGB	251, 205, 172
RGB Percent	98%, 80%, 67%
CMY	0.0156, 0.1961, 0.3253
CMYK	0.00, 0.18, 0.31, 0.02
HSL	25°, 91%, 83%
HSV	25°, 31%, 98%
XYZ	69.0692, 67.1471, 48.3727
YIQ	214.9920, 38.0090, -0.5110

Conversions

Conversions Part 2

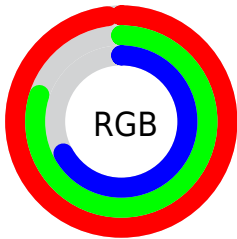
Format	Color
R _Y B	251, 229, 172
Decimal	16502188
CIE Lab	85.58, 11.69, 22.53
CIE LCh	86, 25.378, 62.581
Yxy	67.1471, 0.3742, 0.3638
Android (android.graphics.Color)	4294692268 (0xFFFB CDAC)
YUV	214.9920, -21.1951, 31.5790
Hunter-Lab	81.9433, 7.0551, 22.3603

Details

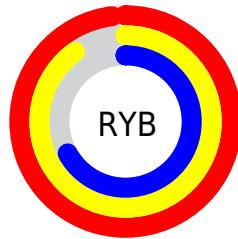
The YIQ color $214.9920, 38.0090, -0.5110$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $208.0080, -38.0090, 0.5110$, and the grayscale version is $215.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $251.9220, 8.6670, -8.3970$, and $160.0240, 34.9830, -0.7370$ is the 20% darker color. If you saturate the color by 10%, you get $203.3370, 50.1590, -0.4410$, and if you desaturate by 10%, it is $226.6470, 25.8590, -0.5810$.

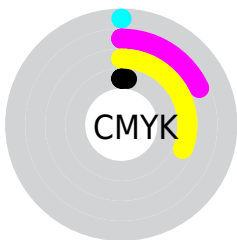
Distribution



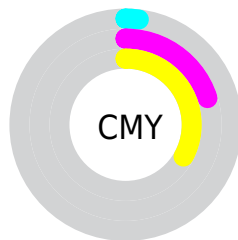
- Red (98%)
- Green (80%)
- Blue (67%)



- Red (98%)
- Yellow (90%)
- Blue (67%)



- Cyan (0%)
- Magenta (18%)
- Yellow (31%)
- Black (2%)





- Cyan (2%)
- Magenta (20%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 214.9920, 38.0090, -0.5110 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 214.9920, 38.0090, -0.5110 by changing the saturation by 10% instead.


 214.9920, 38.0090,
-0.5110


 214.9920, 38.0090,
-0.5110


255.0000, -0.0000,
-0.0000


 186.8070, 37.0920,
-0.4120


 251.9220, 8.6670,
-8.3970

 160.0240, 34.9830,
-0.7370

 133.5400, 33.4700,
-0.8500

 108.0560, 31.9570,
-0.9630

 83.5720, 30.4440,
-1.0760

 59.9030, 28.0140,
-1.0900

 37.1370, 27.2350,

-3.4930

■ 16.9330, 19.3020,
2.6140

■ 0.0000, 0.0000,
0.0000

■ 214.9920, 38.0090,
-0.5110

■ 214.9920, 38.0090,
-0.5110

■ 203.3370, 50.1590,
-0.4410

■ 226.6470, 25.8590,
-0.5810

■ 192.2690, 62.0340,
-0.8940

■ 237.7150, 13.9840,
-0.1280

■ 180.6140, 74.1840,
-0.8240

■ 249.3700, 1.8340,
-0.1980

■ 168.9590, 86.3340,
-0.7540

■ 253.8040, -2.3840,
-0.8480

■ 157.8910, 98.2090,
-1.2070

■ 146.1220,
110.6800, -1.4480

■ 136.6840,
120.7210, -1.7030

Harmonies

Analogous

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



214.6040, 36.5860, 8.7620



214.9920, 38.0090, -0.5110



212.7250, 25.2190, -11.0130

Triad

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



214.9920, 38.0090, -0.5110



204.3920, -39.9310, -19.7310



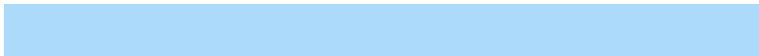
216.5440, -6.7430, 17.5850

Complementary

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



214.9920, 38.0090, -0.5110



208.0080, -38.0090, 0.5110

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.



211.4870, -28.9320, 6.7160



214.9920, 38.0090, -0.5110



204.4480, -51.5320, -13.2280

Square

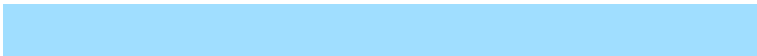
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



214.9920, 38.0090, -0.5110



206.4730, -18.2900, -20.9620



207.2240, -47.5450, -2.8810



218.1570, 16.4560, 21.1600

Rectangle

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



214.9920, 38.0090, -0.5110



210.9190, 12.7490, -16.2990



207.2240, -47.5450, -2.8810



215.1300, -14.4450, 13.9950

Sweetspot

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



214.9920, 38.0090, -0.5110



244.7470, 10.9580, -0.3540



200.8650, 32.3180, 31.0540



121.0070, 7.2900, 0.0420



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.



214.9920, 38.0090, -0.5110



211.0700, 46.5370, -0.8790



237.8850, 27.2840, -20.9080



119.4090, 6.0980, -0.3820



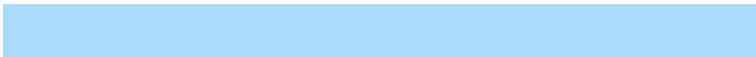
102.8840, 90.9190, -1.2490



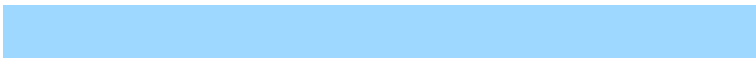
33.5010, 29.2060, -0.6660

Inverse Universe

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



208.0080, -38.0090, 0.5110



202.5170, -46.8120, 0.3560



185.1150, -27.2840, 20.9080



118.1780, -6.3730, -0.1410



86.1160, -90.9190, 1.2490



28.0860, -29.4810, 0.1430

Previews

White Background



This preview shows how the YIQ color 214.9920, 38.0090, -0.5110 looks on a white background.

Color Contrast Check

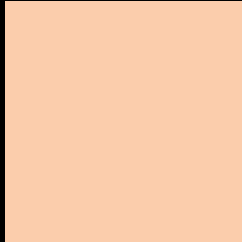
Large Text (above 18pt) WCAG AA × Fail

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 214.9920, 38.0090, -0.5110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

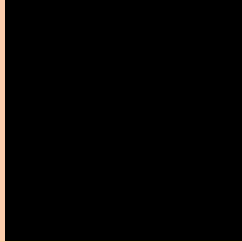
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 214.9920, 38.0090, -0.5110

Background



This preview shows how black text looks on a background with the YIQ color 214.9920, 38.0090, -0.5110.



This preview shows how white text looks on a background with the YIQ color 214.9920, 38.0090,

-0.5110.

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

214.9920, 38.0090, -0.5110

Protanopia

213.2560, 19.3500, -9.2740

Deuteranopia

214.9810, 36.5420, -1.4580



Tritanopia

217.4540, 28.5610, 16.5370

Trichromacy



Original Color

214.9920, 38.0090, -0.5110

Protanomaly

214.0720, 25.8600, -6.1080

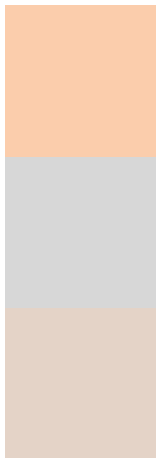
Deuteranomaly

215.2800, 37.1380, -1.2460

Tritanomaly

216.6190, 32.2300, 10.6140

Monochromacy



Original Color

214.9920, 38.0090, -0.5110

Achromatopsia

215.0000, -0.0000, -0.0000

Achromatomaly

214.7150, 13.9840, -0.1280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 214.9920, 38.0090, -0.5110 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(251, 205, 172)` looks like.

```
.text, #text, p{  
    color:rgb(251, 205, 172)  
}
```

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(251, 205, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 205, 172) }
```

Border

The CSS property to change the border of an element to YIQ 214.9920, 38.0090, -0.5110 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(251, 205, 172) }
```


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

```
.border{ border-color:rgb(251, 205, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 205, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 205, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 205, 172);  
box-shadow:4px 4px 4px 4px rgb(251, 205,  
172) }
```

Background

The CSS property to change the background color of an element to YIQ 214.9920, 38.0090, -0.5110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 205, 172) }
```

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

```
.background{ background-color: rgb(251,  
205, 172) }
```

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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