

Converting Colors

YIQ(228.9920, 20.8140, 8.2540)

Have a look what the booklet for
YIQ(228.9920, 20.8140, 8.2540)
contains.

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Color

**YIQ(228.9920, 20.8140,
8.2540)**

Conversions

Conversions Part 1

Format	Color
Hex	FEDADC
RGB	254, 218, 220
RGB Percent	100%, 85%, 86%
CMY	0.0038, 0.1451, 0.1372
CMYK	0.00, 0.14, 0.13, 0.00
HSL	357°, 95%, 93%
HSV	357°, 14%, 100%
XYZ	78.8696, 76.3784, 78.3101
YIQ	228.9920, 20.8140, 8.2540

Conversions

Conversions Part 2

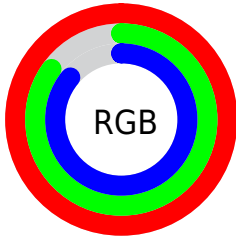
Format	Color
R _Y B	254, 218, 220
Decimal	16702172
CIE Lab	90.03, 12.81, 3.63
CIE LCh	90, 13.309, 15.817
Yxy	76.3784, 0.3377, 0.3270
Android (android.graphics.Color)	4294892252 (0xFF FEDADC)
YUV	228.9920, -4.4331, 21.9320
Hunter-Lab	87.3947, 8.1471, 8.0494

Details

The YIQ color $228.9920, 20.8140, 8.2540$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $243.0080, -20.8140, -8.2540$, and the grayscale version is $229.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $173.3940, 19.6220, 7.8300$ is the 20% darker color. If you saturate the color by 10%, you get $211.5810, 35.3930, 13.8650$, and if you desaturate by 10%, it is $246.4030, 6.2350, 2.6430$.

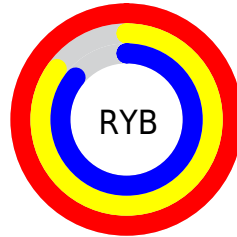
Distribution



Red (100%)

Green (85%)

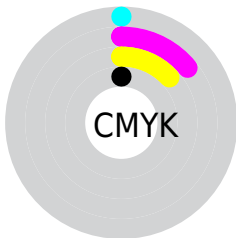
Blue (86%)



Red (100%)

Yellow (85%)

Blue (86%)

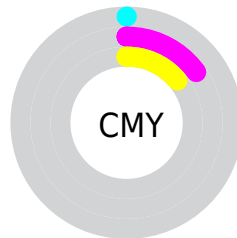


Cyan (0%)

Magenta (14%)

Yellow (13%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 228.9920, 20.8140, 8.2540 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 228.9920, 20.8140, 8.2540 by changing the saturation by 10% instead.


 228.9920, 20.8140,
8.2540


 228.9920, 20.8140,
8.2540


255.0000, -0.0000,
-0.0000


 200.6930, 20.2180,
8.0420

 173.3940, 19.6220,
7.8300

 147.0950, 19.0260,
7.6180

 120.7960, 18.4300,
7.4060

 96.1980, 17.2380,
6.9820

 72.0130, 16.3210,
7.0810

 49.4150, 15.1290,

6.6570

■ 27.8170, 13.9370,
6.2330

■ 7.8880, 15.1750,
5.8230

■ 228.9920, 20.8140,
8.2540

■ 228.9920, 20.8140,
8.2540

■ 211.5810, 35.3930,
13.8650

■ 246.4030, 6.2350,
2.6430

■ 193.5830, 50.2470,
19.9990

254.7010, -0.5960,
-0.2120

■ 176.1720, 64.8260,
25.6100

■ 158.1740, 79.6800,
31.7440

■ 140.7630, 94.2590,
37.3550

■ 123.3520,
108.8380, 42.9660

■ 105.3540,
123.6920, 49.1000

■ 87.9430, 138.2710,
54.7110

■ 77.5420, 146.8900,
58.2020

Harmonies

Analogous

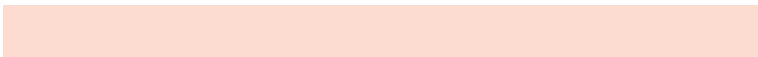
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



228.9790, 13.6610, 11.2370



228.9920, 20.8140, 8.2540



228.3140, 22.6030, 3.3630

Triad

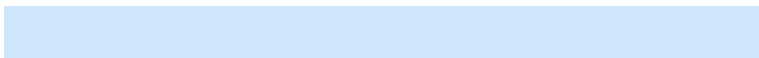
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



228.9920, 20.8140, 8.2540



223.5940, -2.1530, -10.5450



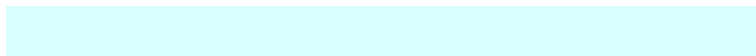
224.6310, -20.7700, 1.9660

Complementary

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



228.9920, 20.8140, 8.2540



243.0080, -20.8140, -8.2540

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.



223.1910, -25.5830, -4.4230



228.9920, 20.8140, 8.2540



222.8360, -14.5780, -11.1380

Square

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



228.9920, 20.8140, 8.2540



225.6340, 9.5380, -7.6620



222.2250, -22.9230, -8.5790



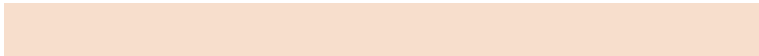
227.0670, -10.1340, 7.4500

Rectangle

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



228.9920, 20.8140, 8.2540



227.4230, 20.6780, -0.2980



222.2250, -22.9230, -8.5790



224.3810, -23.0620, -0.5500

Sweetspot

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



228.9920, 20.8140, 8.2540



247.9900, 5.9600, 2.1200



232.2700, 8.7080, 18.4040



123.0930, 4.1720, 1.4840



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

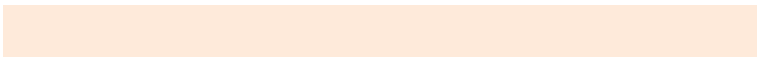
The Same Dimension uses a secret algorithm to generate beautiful new colors.



228.9920, 20.8140, 8.2540



225.0850, 24.9860, 9.7380



238.1560, 17.0560, -0.7360



118.8870, 7.7480, 2.7560



58.3630, 110.3050, 43.9130



19.5920, 36.8600, 14.8120

Inverse Universe

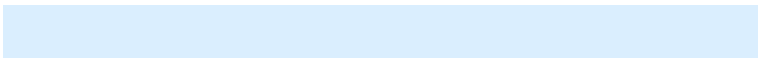
The Inverse Universe completely reimagines the original color for something new.



228.9920, 20.8140, 8.2540



225.0850, 24.9860, 9.7380



233.8440, -17.0560, 0.7360



118.8870, 7.7480, 2.7560



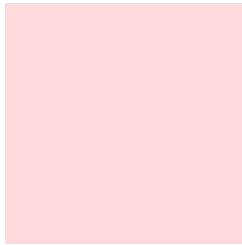
58.3630, 110.3050, 43.9130



19.5920, 36.8600, 14.8120

Previews

White Background



This preview shows how the YIQ color 228.9920, 20.8140, 8.2540 looks on a white background.

Color Contrast Check

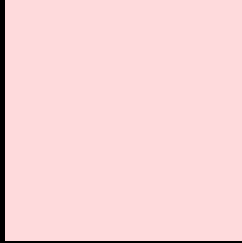
Large Text (above 18pt) WCAG AA × Fail

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 228.9920, 20.8140, 8.2540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

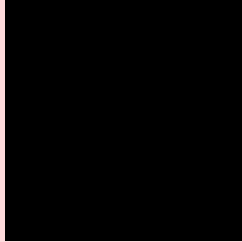
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 228.9920, 20.8140, 8.2540

Background



This preview shows how black text looks on a background with the YIQ color 228.9920, 20.8140, 8.2540.



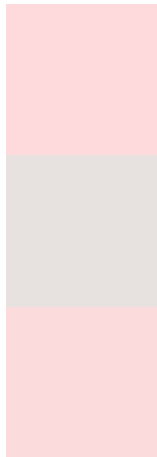
This preview shows how white text looks on a background with the YIQ color 228.9920, 20.8140,

8.2540.

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

228.9920, 20.8140, 8.2540

Protanopia

227.2670, 3.6220, 0.4380

Deuteranopia

228.6820, 18.7510, 7.0950



Tritanopia

229.5990, 17.7870, 13.5550

Trichromacy



Original Color

228.9920, 20.8140, 8.2540

Protanomaly

227.7840, 9.5360, 3.3920

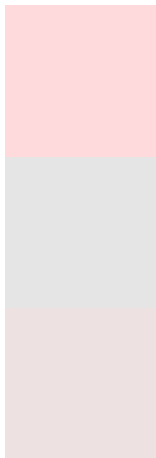
Deuteranomaly

228.9810, 19.3470, 7.3070

Tritanomaly

229.6160, 19.1170, 11.4770

Monochromacy



Original Color

228.9920, 20.8140, 8.2540

Achromatopsia

229.0000, -0.0000, -0.0000

Achromatomaly

229.0010, 7.4270, 3.0670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 228.9920, 20.8140, 8.2540 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, 218, 220)` looks like.

```
.text, #text, p{  
    color:rgb(254, 218, 220)  
}
```

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, 218, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 218, 220) }
```

Border

The CSS property to change the border of an element to YIQ 228.9920, 20.8140, 8.2540 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, 218, 220) }
```


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

```
.border{ border-color:rgb(254, 218, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 218, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 218, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 218, 220);  
box-shadow:4px 4px 4px 4px rgb(254, 218,  
220) }
```

Background

The CSS property to change the background color of an element to YIQ 228.9920, 20.8140, 8.2540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 218, 220) }
```

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

```
.background{ background-color: rgb(254,  
218, 220) }
```

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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