

Converting Colors

YIQ(214.2280, 34.8890, 11.9850)

Have a look what the booklet for
YIQ(214.2280, 34.8890, 11.9850)
contains.

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Color

**YIQ(214.2280, 34.8890,
11.9850)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC5C4
RGB	255, 197, 196
RGB Percent	100%, 77%, 77%
CMY	0.0000, 0.2275, 0.2312
CMYK	0.00, 0.23, 0.23, 0.00
HSL	1°, 100%, 88%
HSV	1°, 23%, 100%
XYZ	71.1686, 65.1686, 61.0735
YIQ	214.2280, 34.8890, 11.9850

Conversions

Conversions Part 2

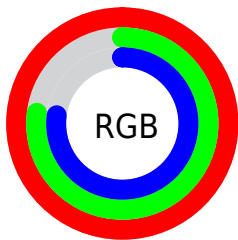
Format	Color
R _Y B	255, 197, 196
Decimal	16762308
CIE Lab	84.57, 20.54, 8.46
CIE LCh	85, 22.211, 22.380
Yxy	65.1686, 0.3605, 0.3301
Android (android.graphics.Color)	4294952388 (0xFFFFC5C4)
YUV	214.2280, -8.9864, 35.7570
Hunter-Lab	80.7271, 16.0924, 11.6535

Details

The YIQ color $214.2280, 34.8890, 11.9850$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $236.7720, -34.8890, -11.9850$, and the grayscale version is $214.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $254.1850, 0.9170, -0.0990$, and $159.0320, 32.5050, 11.1370$ is the 20% darker color. If you saturate the color by 10%, you get $196.7030, 49.7890, 17.2850$, and if you desaturate by 10%, it is $231.8670, 19.6680, 6.9960$.

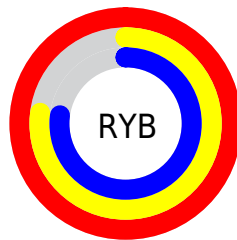
Distribution



Red (100%)

Green (77%)

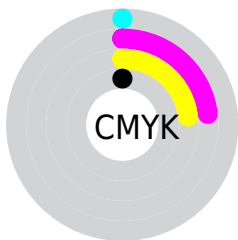
Blue (77%)



Red (100%)

Yellow (77%)

Blue (77%)

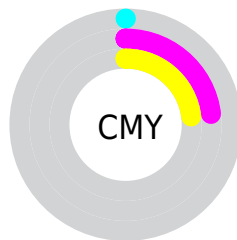


Cyan (0%)

Magenta (23%)

Yellow (23%)

Black (0%)



Cyan (0%)


Magenta (23%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 214.2280, 34.8890, 11.9850 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 214.2280, 34.8890, 11.9850 by changing the saturation by 10% instead.


 214.2280, 34.8890,
11.9850


 214.2280, 34.8890,
11.9850

255.0000, -0.0000,
-0.0000


 186.6300, 33.6970,
11.5610


254.1850, 0.9170,
-0.0990

 159.0320, 32.5050,
11.1370

 132.5480, 30.9920,
11.0240

 106.9500, 29.8000,
10.6000

 82.4660, 28.2870,
10.4870

 58.6830, 26.1780,
10.1620

 35.9000, 24.0690,

9.8370

■ 12.8570, 25.6280,
9.1160

■ 0.0000, 0.0000,
0.0000

■ 214.2280, 34.8890,
11.9850

■ 214.2280, 34.8890,
11.9850

■ 196.7030, 49.7890,
17.2850

■ 231.8670, 19.6680,
6.9960

■ 179.0640, 65.0100,
22.2740

■ 249.3920, 4.7680,
1.6960

■ 161.5390, 79.9100,
27.5740

255.0000, -0.0000,
-0.0000

■ 143.9000, 95.1310,
32.5630

■ 126.3750,
110.0310, 37.8630

■ 108.1490,
125.5270, 43.3750

■ 90.6240, 140.4270,
48.6750

■ 78.5930, 150.8800,
51.9680

Harmonies

Analogous

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



215.1270, 25.1680, 17.4560



214.2280, 34.8890, 11.9850



212.8440, 35.6700, 3.3340

Triad

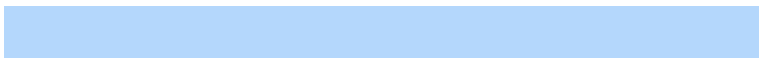
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



214.2280, 34.8890, 11.9850



205.8440, -9.0290, -18.0930



208.7530, -32.7370, 4.0870

Complementary

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



214.2280, 34.8890, 11.9850



236.7720, -34.8890, -11.9850

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.



204.7960, -43.4640, -5.2560



214.2280, 34.8890, 11.9850



203.9050, -28.1940, -17.6820

Square

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



214.2280, 34.8890, 11.9850



208.6030, 10.8230, -14.4330



202.7110, -42.0870, -13.6950



212.7880, -13.4820, 13.0620

Rectangle

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



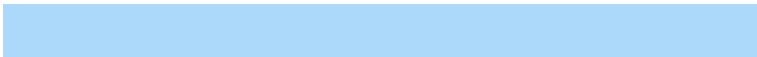
214.2280, 34.8890, 11.9850



211.9910, 30.5820, -3.5780



202.7110, -42.0870, -13.6950



207.3070, -37.4130, 0.7230

Sweetspot

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



214.2280, 34.8890, 11.9850



242.3820, 10.7280, 3.8160



220.3670, 16.2250, 30.8570



120.2890, 6.5560, 2.3320



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.



214.2280, 34.8890, 11.9850



205.8160, 42.0410, 14.5290



231.2510, 26.9140, -3.1820



118.8870, 7.7480, 2.7560



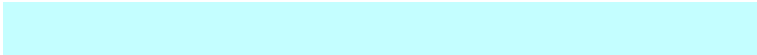
58.8700, 113.0110, 38.9230



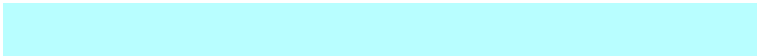
19.7230, 37.8690, 13.0450

Inverse Universe

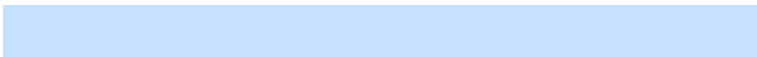
The Inverse Universe completely reimagines the original color for something new.



236.7720, -34.8890, -11.9850



233.1840, -42.0410, -14.5290



220.3360, -27.1890, 2.6590



123.5260, -7.4730, -2.2330



132.1300, -113.0110, -38.9230



44.2770, -37.8690, -13.0450

Previews

White Background



This preview shows how the YIQ color 214.2280, 34.8890, 11.9850 looks on a white background.

Color Contrast Check

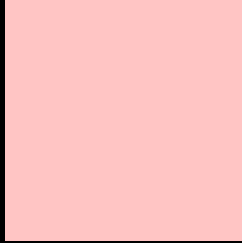
Large Text (above 18pt) WCAG AA × Fail

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 214.2280, 34.8890, 11.9850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

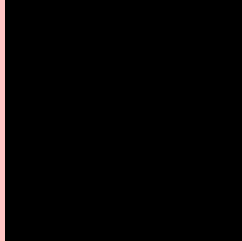
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 214.2280, 34.8890, 11.9850

Background



This preview shows how black text looks on a background with the YIQ color 214.2280, 34.8890, 11.9850.



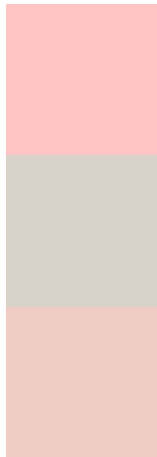
This preview shows how white text looks on a background with the YIQ color 214.2280, 34.8890,

11.9850.

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

214.2280, 34.8890, 11.9850

Protanopia

211.2950, 6.4190, -0.6930

Deuteranopia

213.1400, 23.1530, 4.4090



Tritanopia

215.2370, 30.6700, 16.8620

Trichromacy



Original Color

214.2280, 34.8890, 11.9850

Protanomaly

212.2040, 17.1010, 3.9570

Deuteranomaly

213.1730, 27.5540, 7.2500

Tritanomaly

214.6670, 32.2750, 15.3070

Monochromacy



Original Color

214.2280, 34.8890, 11.9850

Achromatopsia

214.0000, -0.0000, 0.0000

Achromatomaly

214.1650, 12.8370, 4.1410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 214.2280, 34.8890, 11.9850 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(255, 197, 196)` looks like.

```
.text, #text, p{  
    color:rgb(255, 197, 196)  
}
```

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(255, 197, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 197, 196) }
```

Border

The CSS property to change the border of an element to YIQ 214.2280, 34.8890, 11.9850 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(255, 197, 196) }
```


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

```
.border{ border-color:rgb(255, 197, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 197, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 197, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 197, 196);  
box-shadow:4px 4px 4px 4px rgb(255, 197,  
196) }
```

Background

The CSS property to change the background color of an element to YIQ 214.2280, 34.8890, 11.9850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 197, 196) }
```

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

```
.background{ background-color: rgb(255,  
197, 196) }
```

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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