

Converting Colors

YIQ(224.7310, 17.0550, 4.7910)

Have a look what the booklet for
YIQ(224.7310, 17.0550, 4.7910)
contains.

YIQ(224.7310, 17.0550, 4.7910)	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(224.7310, 17.0550,
4.7910)**

Conversions

Conversions Part 1

Format	Color
Hex	F4D9D6
RGB	244, 217, 214
RGB Percent	96%, 85%, 84%
CMY	0.0431, 0.1490, 0.1607
CMYK	0.00, 0.11, 0.12, 0.04
HSL	6°, 58%, 90%
HSV	6°, 12%, 96%
XYZ	74.2636, 73.7117, 73.9440
YIQ	224.7310, 17.0550, 4.7910

Conversions

Conversions Part 2

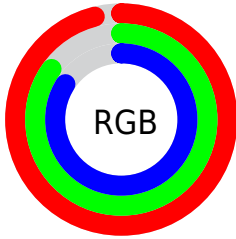
Format	Color
RYB	244, 217, 214
Decimal	16046550
CIELab	88.79, 8.86, 4.87
CIELCh	89, 10.107, 28.800
Yxy	73.7117, 0.3346, 0.3322
Android (android.graphics.Color)	4294236630 (0xFFFF4D9D6)
YUV	224.7310, -5.2904, 16.8989
Hunter-Lab	85.8555, 4.1522, 9.0348

Details

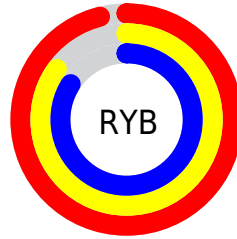
The YIQ color $224.7310, 17.0550, 4.7910$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $233.2690, -17.0550, -4.7910$, and the grayscale version is $225.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $169.4320, 16.4590, 4.5790$ is the 20% darker color. If you saturate the color by 10%, you get $209.0810, 30.8090, 8.8330$, and if you desaturate by 10%, it is $240.3810, 3.3010, 0.7490$.

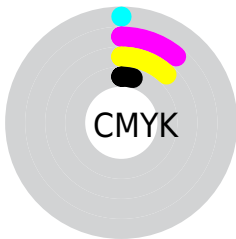
Distribution



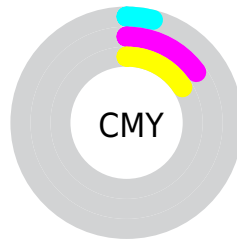
- Red (96%)
- Green (85%)
- Blue (84%)



- Red (96%)
- Yellow (85%)
- Blue (84%)



- Cyan (0%)
- Magenta (11%)
- Yellow (12%)
- Black (4%)



- Cyan (4%)
- Magenta (15%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 224.7310, 17.0550, 4.7910 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 224.7310, 17.0550, 4.7910 by changing the saturation by 10% instead.

224.7310, 17.0550,
4.7910

224.7310, 17.0550,
4.7910

255.0000, -0.0000,
-0.0000

196.4320, 16.4590,
4.5790

169.4320, 16.4590,
4.5790

142.8340, 15.2670,
4.1550

117.5350, 14.6710,
3.9430

92.6490, 14.3500,
4.2540

69.0510, 13.1580,
3.8300

46.4530, 11.9660,

3.4060

■ 25.1540, 11.3700,
3.1940

■ 2.6910, 5.3640,
1.9080

■ 224.7310, 17.0550,
4.7910

■ 224.7310, 17.0550,
4.7910

■ 209.0810, 30.8090,
8.8330

■ 240.3810, 3.3010,
0.7490

■ 193.3170, 44.8840,
12.5640

■ 251.7110, -6.5560,
-2.3320

■ 177.6670, 58.6380,
16.6060

■ 161.9030, 72.7130,
20.3370

■ 146.2530, 86.4670,
24.3790

■ 130.6030,
100.2210, 28.4210

■ 114.8390,
114.2960, 32.1520

■ 99.1890, 128.0500,
36.1940

■ 87.0440, 138.8240,
39.1760

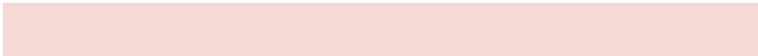
Harmonies

Analogous

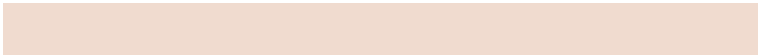
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



225.2730, 12.6530, 7.4770



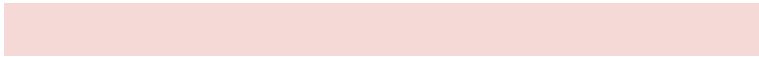
224.7310, 17.0550, 4.7910



223.9110, 16.3680, 0.7200

Triad

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



224.7310, 17.0550, 4.7910



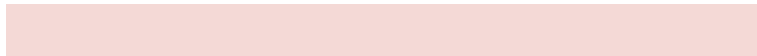
220.9080, -5.9130, -8.4810



222.7630, -12.3340, 3.2660

Complementary

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



224.7310, 17.0550, 4.7910



233.2690, -17.0550, -4.7910

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.



221.1920, -18.1560, -1.3560



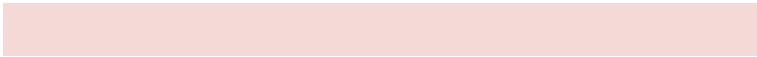
224.7310, 17.0550, 4.7910



220.1290, -13.8450, -7.9010

Square

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



224.7310, 17.0550, 4.7910



221.6380, 3.7150, -6.7570



219.7850, -18.5680, -4.9040



224.3620, -3.7150, 6.7570

Rectangle

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



224.7310, 17.0550, 4.7910



223.2480, 13.8010, -2.3190



219.7850, -18.5680, -4.9040



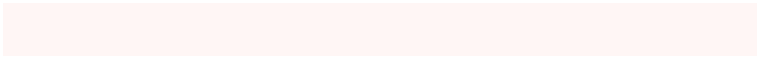
222.1540, -14.9930, 1.8950

Sweetspot

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



224.7310, 17.0550, 4.7910



248.5770, 5.6850, 1.5970



226.1620, 8.8920, 15.0680



123.6800, 3.8970, 0.9610



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.



224.7310, 17.0550, 4.7910



230.7100, 21.5480, 5.9640



233.5360, 12.9300, -3.0540



114.1750, 6.8770, 2.0210



66.1800, 105.9060, 30.0180



21.1630, 33.5140, 9.3700

Inverse Universe

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



233.2690, -17.0550, -4.7910



241.2900, -21.5480, -5.9640



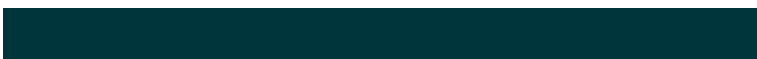
225.0510, -13.2050, 2.5310



117.8250, -6.8770, -2.0210



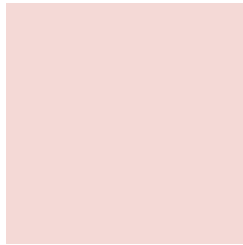
119.8200, -105.9060, -30.0180



37.8370, -33.5140, -9.3700

Previews

White Background



This preview shows how the YIQ color 224.7310, 17.0550, 4.7910 looks on a white background.

Color Contrast Check

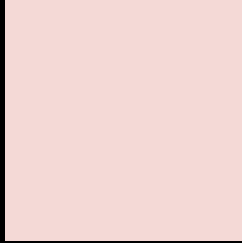
Large Text (above 18pt) WCAG AA × Fail

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 224.7310, 17.0550, 4.7910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

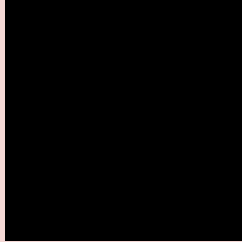
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

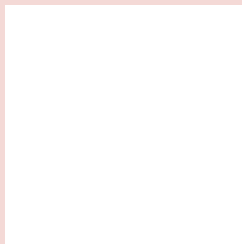
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 224.7310, 17.0550, 4.7910

Background



This preview shows how black text looks on a background with the YIQ color 224.7310, 17.0550, 4.7910.



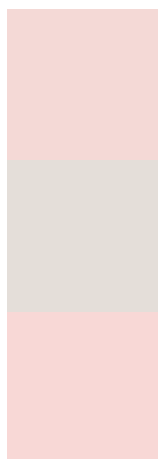
This preview shows how white text looks on a background with the YIQ color 224.7310, 17.0550,

4.7910.

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

224.7310, 17.0550, 4.7910

Protanopia

223.2240, 5.1810, -0.2830

Deuteranopia

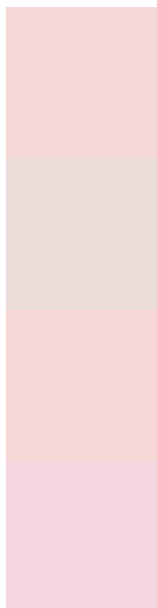
225.3400, 19.7140, 6.1620



Tritanopia

225.5060, 13.6150, 12.0710

Trichromacy



Original Color

224.7310, 17.0550, 4.7910

Protanomaly

223.7300, 9.6280, 1.7240

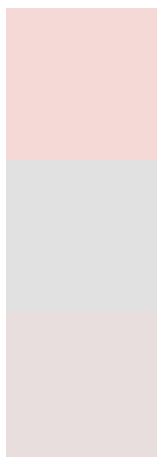
Deuteranomaly

225.0410, 19.1180, 5.9500

Tritanomaly

225.1100, 14.6700, 9.4700

Monochromacy



Original Color

224.7310, 17.0550, 4.7910

Achromatopsia

225.0000, -0.0000, -0.0000

Achromatomaly

224.8760, 6.2810, 1.8090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 224.7310, 17.0550, 4.7910 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(244, 217, 214)` looks like.

```
.text, #text, p{  
    color:rgb(244, 217, 214)  
}
```

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(244, 217, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 217, 214) }
```

Border

The CSS property to change the border of an element to YIQ 224.7310, 17.0550, 4.7910 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(244, 217, 214) }
```


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

```
.border{ border-color:rgb(244, 217, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 217, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 217, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 217, 214);  
box-shadow:4px 4px 4px 4px rgb(244, 217,  
214) }
```

Background

The CSS property to change the background color of an element to YIQ 224.7310, 17.0550, 4.7910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 217, 214) }
```

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

```
.background{ background-color: rgb(244,  
217, 214) }
```

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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