

Converting Colors

YIQ(232.2150, 18.5680, 4.9040)

Have a look what the booklet for
YIQ(232.2150, 18.5680, 4.9040)
contains.

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Color

**YIQ(232.2150, 18.5680,
4.9040)**

Conversions

Conversions Part 1

Format	Color
Hex	FDE0DC
RGB	253, 224, 220
RGB Percent	99%, 88%, 86%
CMY	0.0078, 0.1216, 0.1372
CMYK	0.00, 0.11, 0.13, 0.01
HSL	7°, 89%, 93%
HSV	7°, 13%, 99%
XYZ	80.0874, 79.3589, 78.8205
YIQ	232.2150, 18.5680, 4.9040

Conversions

Conversions Part 2

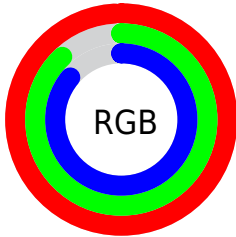
Format	Color
R _Y B	253, 225, 220
Decimal	16638172
CIE Lab	91.40, 9.34, 5.59
CIE LCh	91, 10.885, 30.883
Yxy	79.3589, 0.3361, 0.3331
Android (android.graphics.Color)	4294828252 (0xFFFDE0DC)
YUV	232.2150, -6.0220, 18.2284
Hunter-Lab	89.0836, 4.5776, 9.8992

Details

The YIQ color $232.2150, 18.5680, 4.9040$ is a light color, and the websafe version is hex $FFCCCC$. A complement of this color would be $240.7850, -18.5680, -4.9040$, and the grayscale version is $232.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $176.6170, 17.3760, 4.4800$ is the 20% darker color. If you saturate the color by 10%, you get $216.4510, 32.6430, 8.6350$, and if you desaturate by 10%, it is $247.9790, 4.4930, 1.1730$.

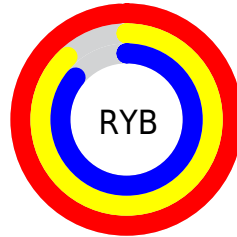
Distribution



Red (99%)

Green (88%)

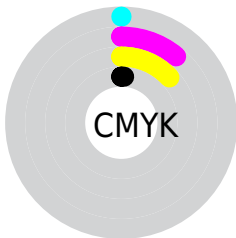
Blue (86%)



Red (99%)

Yellow (88%)

Blue (86%)

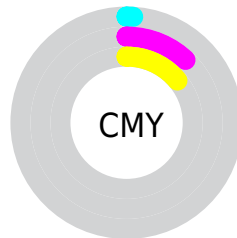


Cyan (0%)

Magenta (11%)

Yellow (13%)

Black (1%)



Cyan (1%)


Magenta (12%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 232.2150, 18.5680, 4.9040 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 232.2150, 18.5680, 4.9040 by changing the saturation by 10% instead.


 232.2150, 18.5680,
4.9040


 232.2150, 18.5680,
4.9040


255.0000, -0.0000,
-0.0000


 203.9160, 17.9720,
4.6920

 176.6170, 17.3760,
4.4800

 149.7310, 17.0550,
4.7910

 124.0190, 16.1840,
4.0560

 98.8340, 15.2670,
4.1550

 74.6490, 14.3500,
4.2540

 51.9370, 13.4790,

3.5190

■ 30.7520, 12.5620,
3.6180

■ 7.4750, 14.9000,
5.3000

■ 232.2150, 18.5680,
4.9040

■ 232.2150, 18.5680,
4.9040

■ 216.4510, 32.6430,
8.6350

■ 247.9790, 4.4930,
1.1730

■ 199.9860, 47.3140,
12.5780

■ 254.4020, -1.1920,
-0.4240

■ 184.2220, 61.3890,
16.3090

■ 168.4580, 75.4640,
20.0400

■ 152.6940, 89.5390,
23.7710

■ 136.2290,
104.2100, 27.7140

■ 120.4650,
118.2850, 31.4450

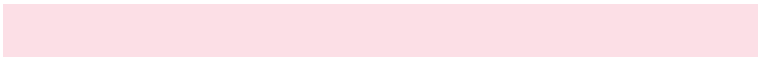
■ 104.7010,
132.3600, 35.1760

■ 93.2570, 142.5380,
37.9460

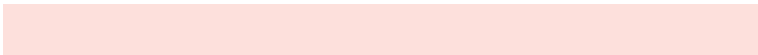
Harmonies

Analogous

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



232.4690, 15.0370, 8.3250



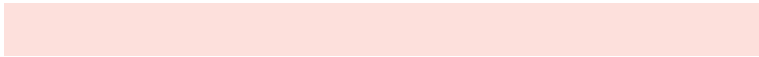
232.2150, 18.5680, 4.9040



230.9820, 17.6060, 0.3100

Triad

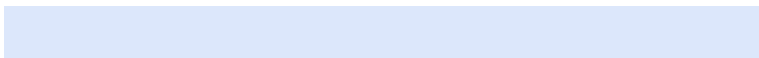
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



232.2150, 18.5680, 4.9040



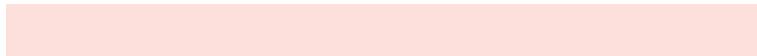
227.3100, -7.1050, -8.9050



229.9910, -12.9760, 3.8880

Complementary

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



232.2150, 18.5680, 4.9040



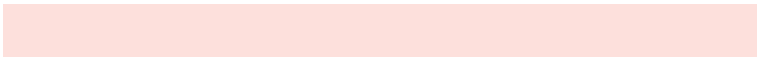
240.7850, -18.5680, -4.9040

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.



228.1210, -19.3940, -0.9460



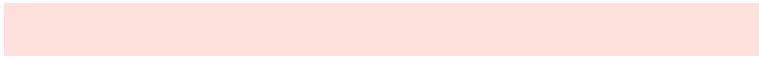
232.2150, 18.5680, 4.9040



227.2320, -15.6330, -8.5370

Square

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



232.2150, 18.5680, 4.9040



228.8120, 3.1650, -7.8030



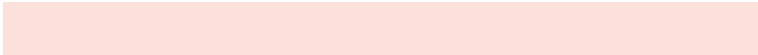
227.3010, -20.0810, -5.0170



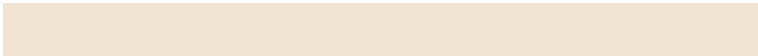
231.7750, -3.4400, 7.2800

Rectangle

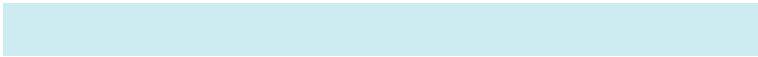
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



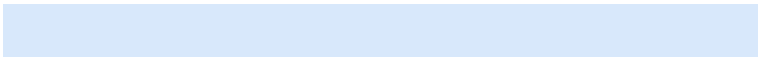
232.2150, 18.5680, 4.9040



230.1340, 14.1220, -2.6300



227.3010, -20.0810, -5.0170



229.3820, -15.6350, 2.5170

Sweetspot

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



232.2150, 18.5680, 4.9040



248.5770, 5.6850, 1.5970



233.1730, 10.3590, 16.0150



123.6800, 3.8970, 0.9610



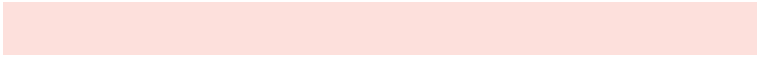
0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

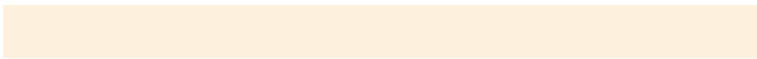
The Same Dimension uses a secret algorithm to generate beautiful new colors.



232.2150, 18.5680, 4.9040



229.1940, 23.0610, 6.0770



241.6070, 14.1680, -3.4640



119.4740, 7.4730, 2.2330



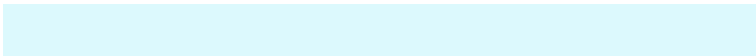
70.6100, 107.5110, 28.4630



23.8320, 35.9440, 9.3840

Inverse Universe

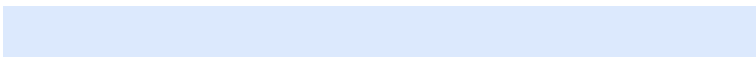
The Inverse Universe completely reimagines the original color for something new.



240.7850, -18.5680, -4.9040



239.8060, -23.0610, -6.0770



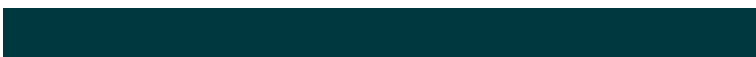
231.3930, -14.1680, 3.4640



122.9390, -7.1980, -1.7100



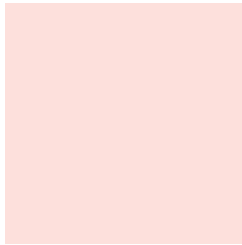
120.3900, -107.5110, -28.4630



40.1680, -35.9440, -9.3840

Previews

White Background



This preview shows how the YIQ color 232.2150, 18.5680, 4.9040 looks on a white background.

Color Contrast Check

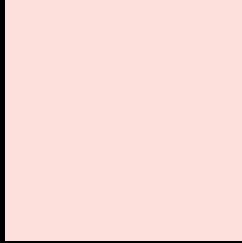
Large Text (above 18pt) WCAG AA × Fail

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 232.2150, 18.5680, 4.9040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

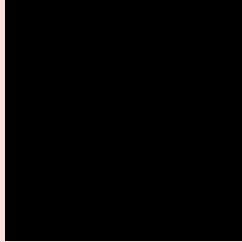
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

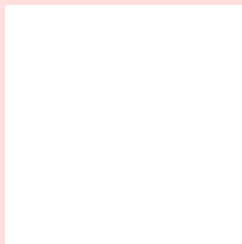
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 232.2150, 18.5680, 4.9040

Background



This preview shows how black text looks on a background with the YIQ color 232.2150, 18.5680, 4.9040.



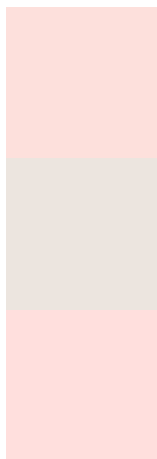
This preview shows how white text looks on a background with the YIQ color 232.2150, 18.5680,

4.9040.

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

232.2150, 18.5680, 4.9040

Protanopia

230.4090, 6.0980, -0.3820

Deuteranopia

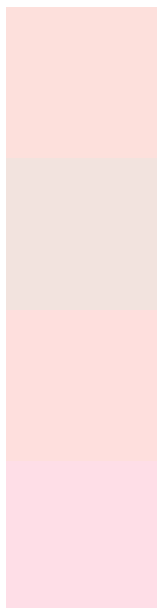
232.3400, 19.7140, 6.1620



Tritanopia

233.1040, 14.8070, 12.4950

Trichromacy



Original Color

232.2150, 18.5680, 4.9040

Protanomaly

230.9150, 10.5450, 1.6250

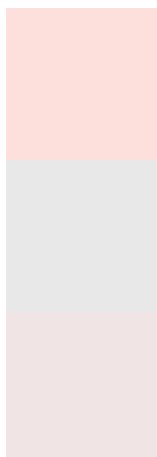
Deuteranomaly

232.0410, 19.1180, 5.9500

Tritanomaly

232.5940, 16.1830, 9.5830

Monochromacy



Original Color

232.2150, 18.5680, 4.9040

Achromatopsia

232.0000, -0.0000, 0.0000

Achromatomaly

232.1750, 6.8770, 2.0210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 232.2150, 18.5680, 4.9040 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(253, 224, 220)` looks like.

```
.text, #text, p{  
    color:rgb(253, 224, 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(253, 224, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 224, 220) }
```

Border

The CSS property to change the border of an element to YIQ 232.2150, 18.5680, 4.9040 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(253, 224, 220) }
```


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

```
.border{ border-color:rgb(253, 224, 220) }
```

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

Here you see how a box with a 4 pixel rgb(253, 224, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 224, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 224, 220);  
box-shadow:4px 4px 4px 4px rgb(253, 224,  
220) }
```

Background

The CSS property to change the background color of an element to YIQ 232.2150, 18.5680, 4.9040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 224, 220) }
```

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

```
.background{ background-color: rgb(253,  
224, 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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