

Converting Colors

YIQ(228.7630, 14.0290, 4.5650)

Have a look what the booklet for
YIQ(228.7630, 14.0290, 4.5650)
contains.

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Color

**YIQ(228.7630, 14.0290,
4.5650)**

Conversions

Conversions Part 1

Format	Color
Hex	F5DEDD
RGB	245, 222, 221
RGB Percent	96%, 87%, 87%
CMY	0.0392, 0.1294, 0.1333
CMYK	0.00, 0.09, 0.10, 0.04
HSL	2°, 55%, 91%
HSV	2°, 10%, 96%
XYZ	76.8328, 76.8736, 79.2052
YIQ	228.7630, 14.0290, 4.5650

Conversions

Conversions Part 2

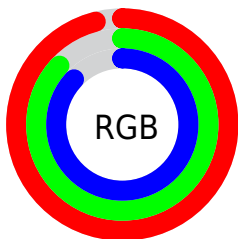
Format	Color
R _Y B	245, 222, 221
Decimal	16113373
CIE Lab	90.26, 7.74, 3.34
CIE LCh	90, 8.430, 23.354
Yxy	76.8736, 0.3299, 0.3301
Android (android.graphics.Color)	4294303453 (0xFFF5DEDD)
YUV	228.7630, -3.8272, 14.2398
Hunter-Lab	87.6776, 2.9856, 7.8136

Details

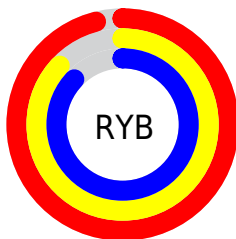
The YIQ color $228.7630, 14.0290, 4.5650$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $237.2370, -14.0290, -4.5650$, and the grayscale version is $229.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $173.4640, 13.4330, 4.3530$ is the 20% darker color. If you saturate the color by 10%, you get $211.9390, 28.3330, 9.6530$, and if you desaturate by 10%, it is $245.1140, -0.3210, 0.3110$.

Distribution



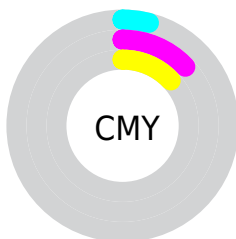
- Red (96%)
- Green (87%)
- Blue (87%)



- Red (96%)
- Yellow (87%)
- Blue (87%)



- Cyan (0%)
- Magenta (9%)
- Yellow (10%)
- Black (4%)





- Cyan (4%)
- Magenta (13%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 228.7630, 14.0290, 4.5650 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 228.7630, 14.0290, 4.5650 by changing the saturation by 10% instead.


 228.7630, 14.0290,
4.5650


 228.7630, 14.0290,
4.5650


255.0000, -0.0000,
-0.0000


 200.4640, 13.4330,
4.3530

 173.4640, 13.4330,
4.3530

 147.1650, 12.8370,
4.1410

 120.8660, 12.2410,
3.9290

 95.9800, 11.9200,
4.2400

 72.2680, 11.0490,
3.5050

 49.9690, 10.4530,

3.2930

■ 28.4850, 8.9400,
3.1800

■ 5.6810, 11.3240,
4.0280

■ 228.7630, 14.0290,
4.5650

■ 228.7630, 14.0290,
4.5650

■ 211.9390, 28.3330,
9.6530

■ 245.1140, -0.3210,
0.3110

■ 195.5880, 42.6830,
13.9070

■ 252.0100, -5.9600,
-2.1200

■ 178.7640, 56.9870,
18.9950

■ 162.4130, 71.3370,
23.2490

■ 145.5890, 85.6410,
28.3370

■ 129.2380, 99.9910,
32.5910

■ 112.4140,
114.2950, 37.6790

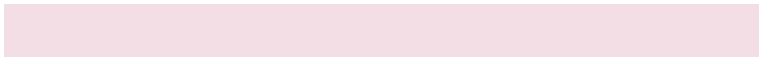
■ 96.0630, 128.6450,
41.9330

■ 79.2390, 142.9490,
47.0210

Harmonies

Analogous

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



229.0770, 10.2690, 6.6290



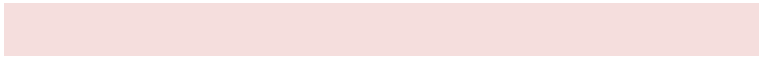
228.7630, 14.0290, 4.5650



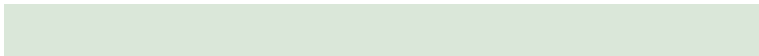
227.9540, 14.8090, 1.4410

Triad

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



228.7630, 14.0290, 4.5650



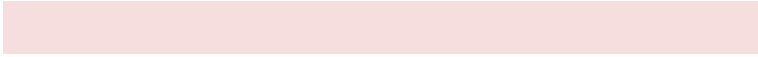
225.5170, -3.2540, -7.1100



226.4210, -11.3710, 2.3330

Complementary

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



228.7630, 14.0290, 4.5650



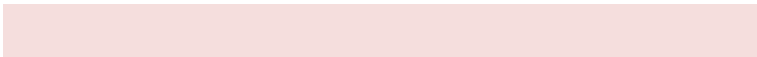
237.2370, -14.0290, -4.5650

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.



225.7470, -15.4050, -1.6530



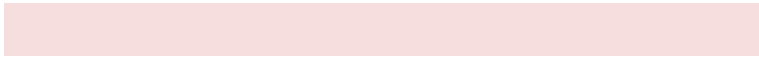
228.7630, 14.0290, 4.5650



224.6240, -10.8650, -6.8410

Square

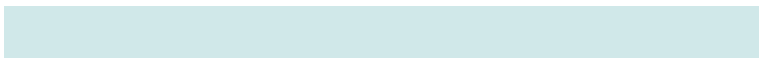
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



228.7630, 14.0290, 4.5650



226.4640, 4.2650, -5.7110



224.9380, -14.6250, -4.7770



228.1230, -4.5400, 5.1880

Rectangle

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



228.7630, 14.0290, 4.5650



227.7040, 12.5170, -1.0750



224.9380, -14.6250, -4.7770



225.9970, -13.1130, 0.8630

Sweetspot

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



228.7630, 14.0290, 4.5650



249.9790, 4.4930, 1.1730



230.7980, 6.9210, 12.2410



124.3810, 3.3010, 0.7490



0.0000, 0.0000, 0.0000



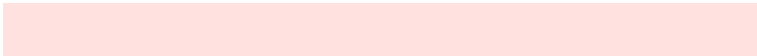
128.0000, -0.0000, -0.0000

Same Dimension

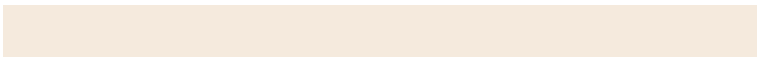
The Same Dimension uses a secret algorithm to generate beautiful new colors.



228.7630, 14.0290, 4.5650



234.4430, 17.9260, 5.5260



235.8070, 10.7290, -1.7110



114.1750, 6.8770, 2.0210



60.3100, 108.6560, 35.2480



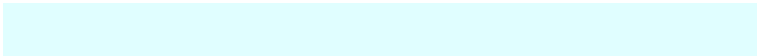
18.8150, 34.6140, 11.4620

Inverse Universe

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



237.2370, -14.0290, -4.5650



245.1440, -18.2010, -6.0490



230.1930, -10.7290, 1.7110



118.4120, -7.1520, -2.5440



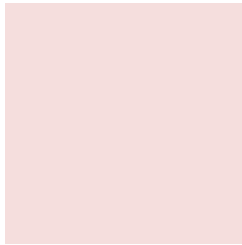
126.2770, -108.9310, -35.7710



39.5980, -34.3390, -10.9390

Previews

White Background



This preview shows how the YIQ color 228.7630, 14.0290, 4.5650 looks on a white background.

Color Contrast Check

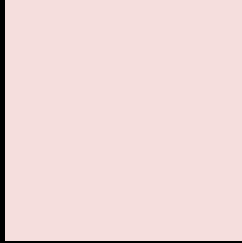
Large Text (above 18pt) WCAG AA × Fail

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 228.7630, 14.0290, 4.5650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

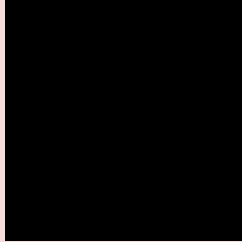
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 228.7630, 14.0290, 4.5650

Background



This preview shows how black text looks on a background with the YIQ color 228.7630, 14.0290, 4.5650.



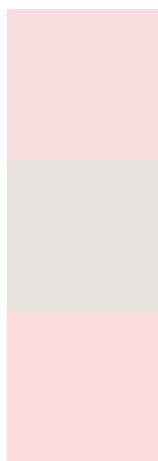
This preview shows how white text looks on a background with the YIQ color 228.7630, 14.0290,

4.5650.

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

228.7630, 14.0290, 4.5650

Protanopia

227.4520, 4.5390, 0.3390

Deuteranopia

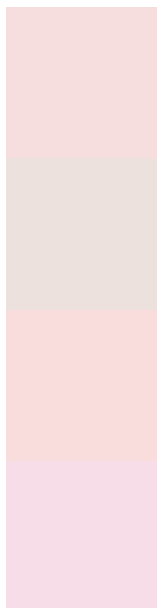
229.3830, 18.1550, 6.8830



Tritanopia

230.0110, 10.6350, 11.0110

Trichromacy



Original Color

228.7630, 14.0290, 4.5650

Protanomaly

228.2460, 8.1150, 1.6110

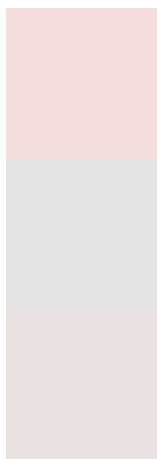
Deuteranomaly

229.3720, 16.6880, 5.9360

Tritanomaly

229.6150, 11.6900, 8.4100

Monochromacy



Original Color

228.7630, 14.0290, 4.5650

Achromatopsia

229.0000, -0.0000, -0.0000

Achromatomaly

228.6910, 5.3640, 1.9080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 228.7630, 14.0290, 4.5650 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(245, 222, 221)` looks like.

```
.text, #text, p{  
    color:rgb(245, 222, 221)  
}
```

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(245, 222, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 222, 221) }
```

Border

The CSS property to change the border of an element to YIQ 228.7630, 14.0290, 4.5650 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(245, 222, 221) }
```


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

```
.border{ border-color:rgb(245, 222, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 222, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 222, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 222, 221);  
box-shadow:4px 4px 4px 4px rgb(245, 222,  
221) }
```

Background

The CSS property to change the background color of an element to YIQ 228.7630, 14.0290, 4.5650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 222, 221) }
```

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

```
.background{ background-color: rgb(245,  
222, 221) }
```

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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