

Converting Colors

YIQ(233.4320, 16.4590, 4.5790)

Have a look what the booklet for
YIQ(233.4320, 16.4590, 4.5790)
contains.

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Color

**YIQ(233.4320, 16.4590,
4.5790)**

Conversions

Conversions Part 1

Format	Color
Hex	FCE2DF
RGB	252, 226, 223
RGB Percent	99%, 89%, 87%
CMY	0.0117, 0.1137, 0.1254
CMYK	0.00, 0.10, 0.12, 0.01
HSL	6°, 83%, 93%
HSV	6°, 12%, 99%
XYZ	80.6654, 80.4137, 81.0941
YIQ	233.4320, 16.4590, 4.5790

Conversions

Conversions Part 2

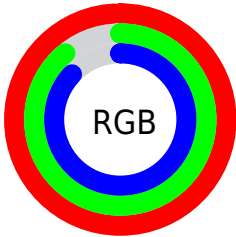
Format	Color
R_{YB}	252, 226, 223
Decimal	16573151
CIE Lab	91.87, 8.43, 4.69
CIE LCh	92, 9.651, 29.098
Yxy	80.4137, 0.3331, 0.3321
Android (android.graphics.Color)	4294763231 (0xFFFC E2DF)
YUV	233.4320, -5.1430, 16.2841
Hunter-Lab	89.6737, 3.6396, 9.1542

Details

The YIQ color $233.4320, 16.4590, 4.5790$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $241.5680, -16.4590, -4.5790$, and the grayscale version is $233.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $177.8340, 15.2670, 4.1550$ is the 20% darker color. If you saturate the color by 10%, you get $217.0810, 30.8090, 8.8330$, and if you desaturate by 10%, it is $249.7830, 2.1090, 0.3250$.

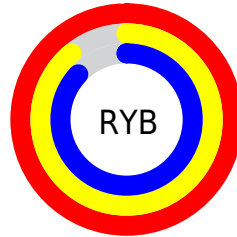
Distribution



Red (99%)

Green (89%)

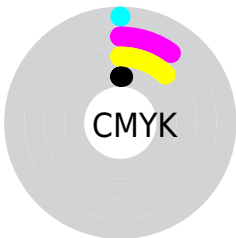
Blue (87%)



Red (99%)

Yellow (89%)

Blue (87%)

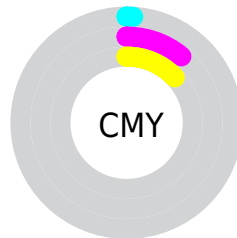


Cyan (0%)

Magenta (10%)

Yellow (12%)

Black (1%)



Cyan (1%)


Magenta (11%)

Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 233.4320, 16.4590, 4.5790 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 233.4320, 16.4590, 4.5790 by changing the saturation by 10% instead.


 233.4320, 16.4590,
4.5790


 233.4320, 16.4590,
4.5790


255.0000, -0.0000,
-0.0000


 205.1330, 15.8630,
4.3670

 177.8340, 15.2670,
4.1550

 150.9480, 14.9460,
4.4660

 125.2360, 14.0750,
3.7310

 100.2360, 14.0750,
3.7310

 76.0510, 13.1580,
3.8300

 53.4530, 11.9660,

3.4060

■ 31.8550, 10.7740,
2.9820

■ 7.4750, 14.9000,
5.3000

■ 233.4320, 16.4590,
4.5790

■ 233.4320, 16.4590,
4.5790

■ 217.0810, 30.8090,
8.8330

■ 249.7830, 2.1090,
0.3250

■ 201.3170, 44.8840,
12.5640

■ 254.1030, -1.7880,
-0.6360

■ 184.8520, 59.5550,
16.5070

■ 169.0880, 73.6300,
20.2380

■ 152.7370, 87.9800,
24.4920

■ 136.3860,
102.3300, 28.7460

■ 120.6220,
116.4050, 32.4770

■ 104.1570,
131.0760, 36.4200

■ 90.6100, 143.0420,
39.8260

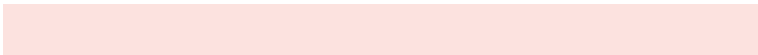
Harmonies

Analogous

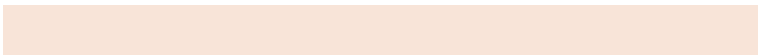
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



234.1590, 12.9740, 7.1660



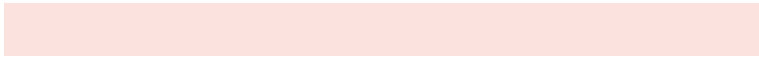
233.4320, 16.4590, 4.5790



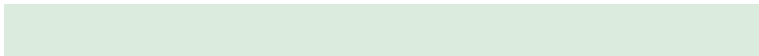
232.6120, 15.7720, 0.5080

Triad

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



233.4320, 16.4590, 4.5790



229.3210, -5.6380, -7.9580



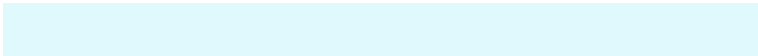
231.0620, -11.7380, 3.4780

Complementary

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



233.4320, 16.4590, 4.5790



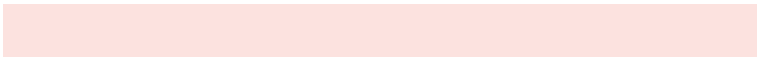
241.5680, -16.4590, -4.5790

Split Complementary

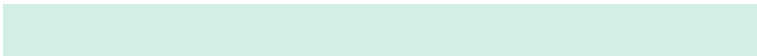
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



229.7900, -16.9640, -0.9320



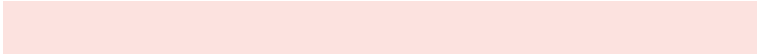
233.4320, 16.4590, 4.5790



228.5420, -13.5700, -7.3780

Square

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



233.4320, 16.4590, 4.5790



230.3390, 3.1190, -6.9690



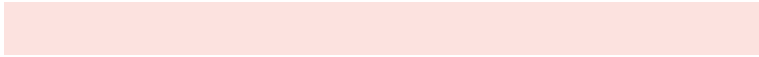
228.9700, -17.6510, -5.0030



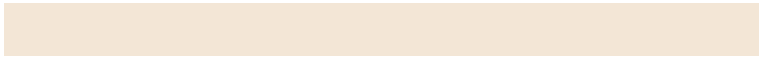
232.3620, -3.7150, 6.7570

Rectangle

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



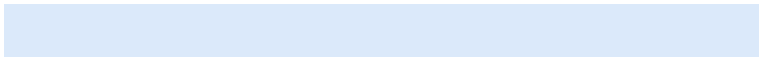
233.4320, 16.4590, 4.5790



232.0630, 12.8840, -2.2200



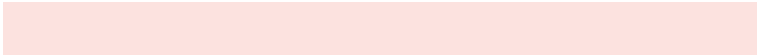
228.9700, -17.6510, -5.0030



230.7520, -13.8010, 2.3190

Sweetspot

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



233.4320, 16.4590, 4.5790



249.9790, 4.4930, 1.1730



234.6350, 8.9380, 14.2340



124.3810, 3.3010, 0.7490



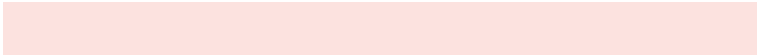
0.0000, 0.0000, 0.0000



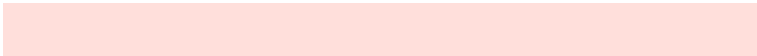
128.0000, -0.0000, -0.0000

Same Dimension

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



233.4320, 16.4590, 4.5790



232.1120, 20.3560, 5.5400



241.6500, 12.6090, -2.7430



117.0610, 7.1980, 1.7100



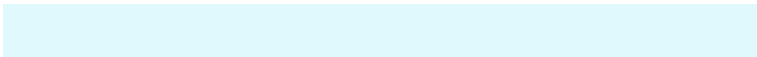
67.6640, 107.4190, 30.1310



21.7610, 34.7060, 9.7940

Inverse Universe

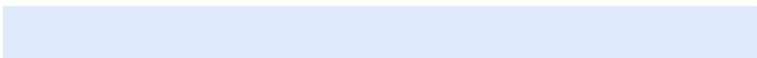
The Inverse Universe completely reimagines the original color for something new.



241.5680, -16.4590, -4.5790



241.8880, -20.3560, -5.5400



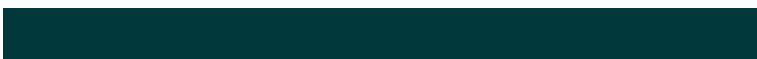
233.3500, -12.6090, 2.7430



120.5260, -7.4730, -2.2330



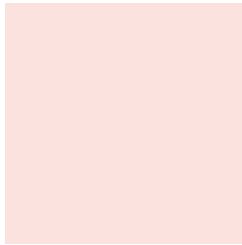
120.7490, -107.1440, -29.6080



39.2390, -34.7060, -9.7940

Previews

White Background



This preview shows how the YIQ color 233.4320, 16.4590, 4.5790 looks on a white background.

Color Contrast Check

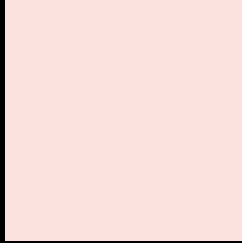
Large Text (above 18pt) WCAG AA × Fail

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 233.4320, 16.4590, 4.5790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

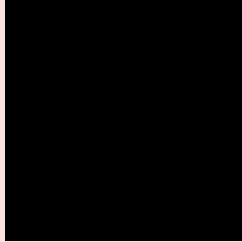
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

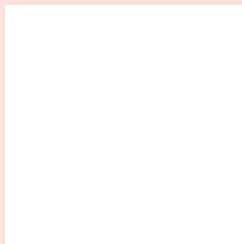
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 233.4320, 16.4590, 4.5790

Background



This preview shows how black text looks on a background with the YIQ color 233.4320, 16.4590, 4.5790.



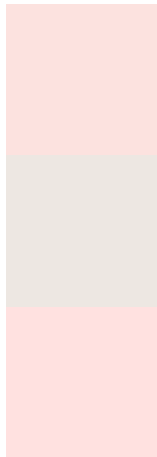
This preview shows how white text looks on a background with the YIQ color 233.4320, 16.4590,

4.5790.

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

233.4320, 16.4590, 4.5790

Protanopia

232.2240, 5.1810, -0.2830

Deuteranopia

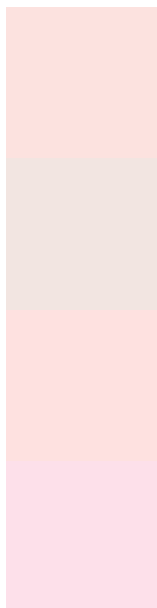
233.8560, 18.2010, 6.0490



Tritanopia

234.3210, 12.6980, 12.1700

Trichromacy



Original Color

233.4320, 16.4590, 4.5790

Protanomaly

232.4310, 9.0320, 1.5120

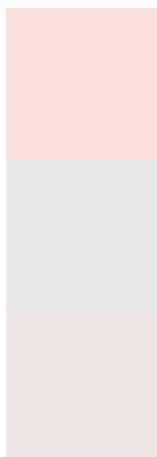
Deuteranomaly

233.5570, 17.6050, 5.8370

Tritanomaly

233.8110, 14.0740, 9.2580

Monochromacy



Original Color

233.4320, 16.4590, 4.5790

Achromatopsia

233.0000, -0.0000, -0.0000

Achromatomaly

232.8760, 6.2810, 1.8090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 233.4320, 16.4590, 4.5790 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(252, 226, 223)` looks like.

```
.text, #text, p{  
    color:rgb(252, 226, 223)  
}
```

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(252, 226, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 226, 223) }
```

Border

The CSS property to change the border of an element to YIQ 233.4320, 16.4590, 4.5790 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(252, 226, 223) }
```


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

```
.border{ border-color:rgb(252, 226, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 226, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 226, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 226, 223);  
box-shadow:4px 4px 4px 4px rgb(252, 226,  
223) }
```

Background

The CSS property to change the background color of an element to YIQ 233.4320, 16.4590, 4.5790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 226, 223) }
```

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

```
.background{ background-color: rgb(252,  
226, 223) }
```

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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