

Converting Colors

YIQ(235.3590, 9.5350, 8.9190)

Have a look what the booklet for
YIQ(235.3590, 9.5350, 8.9190)
contains.

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Color

**YIQ(235.3590, 9.5350,
8.9190)**

Conversions

Conversions Part 1

Format	Color
Hex	FAE3F0
RGB	250, 227, 240
RGB Percent	98%, 89%, 94%
CMY	0.0195, 0.1098, 0.0588
CMYK	0.00, 0.09, 0.04, 0.02
HSL	326°, 70%, 94%
HSV	326°, 9%, 98%
XYZ	82.6258, 81.5515, 93.8298
YIQ	235.3590, 9.5350, 8.9190

Conversions

Conversions Part 2

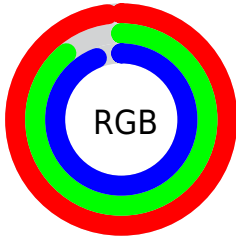
Format	Color
R _Y B	250, 227, 240
Decimal	16442352
CIE Lab	92.38, 10.05, -3.47
CIE LCh	92, 10.635, 340.978
Yxy	81.5515, 0.3202, 0.3161
Android (android.graphics.Color)	4294632432 (0xFFFAE3F0)
YUV	235.3590, 2.2880, 12.8402
Hunter-Lab	90.3059, 5.2840, 1.6105

Details

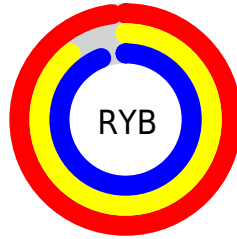
The YIQ color $235.3590, 9.5350, 8.9190$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $241.6410, -9.5350, -8.9190$, and the grayscale version is $235.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $179.6470, 8.6640, 8.1840$ is the 20% darker color. If you saturate the color by 10%, you get $219.4300, 19.9410, 18.5730$, and if you desaturate by 10%, it is $251.2880, -0.8710, -0.7350$.

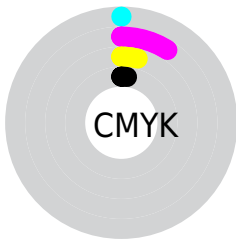
Distribution



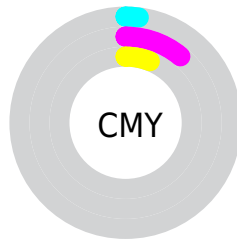
- Red (98%)
- Green (89%)
- Blue (94%)



- Red (98%)
- Yellow (89%)
- Blue (94%)



- Cyan (0%)
- Magenta (9%)
- Yellow (4%)
- Black (2%)




- Cyan (2%)
- Magenta (11%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 235.3590, 9.5350, 8.9190 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 235.3590, 9.5350, 8.9190 by changing the saturation by 10% instead.

 235.3590, 9.5350,
8.9190

 235.3590, 9.5350,
8.9190


255.0000, -0.0000,
-0.0000


 207.0600, 8.9390,
8.7070

 179.6470, 8.6640,
8.1840

 152.6470, 8.6640,
8.1840

 126.6470, 8.6640,
8.1840

 101.9350, 7.7930,
7.4490

 77.9350, 7.7930,
7.4490

 54.6360, 7.1970,

7.2370

■ 33.2230, 6.9220,
6.7140

■ 9.5870, 8.8930,
9.5410

■ 235.3590, 9.5350,
8.9190

■ 235.3590, 9.5350,
8.9190

■ 219.4300, 19.9410,
18.5730

■ 251.2880, -0.8710,
-0.7350

■ 203.5010, 30.3470,
28.2270

■ 253.5050, -2.9800,
-1.0600

■ 187.5720, 40.7530,
37.8810

■ 171.7570, 50.8380,
47.8460

■ 155.8280, 61.2440,
57.5000

■ 139.8990, 71.6500,
67.1540

■ 123.9700, 82.0560,
76.8080

■ 108.0410, 92.4620,
86.4620

■ 92.1120, 102.8680,
96.1160

Harmonies

Analogous

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



234.5690, 0.1360, 8.5520



235.3590, 9.5350, 8.9190



235.1270, 16.0000, 7.3920

Triad

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



235.3590, 9.5350, 8.9190



232.8020, 9.1250, -5.6830



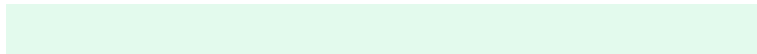
230.2410, -19.8520, -3.6600

Complementary

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



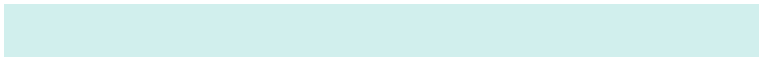
235.3590, 9.5350, 8.9190



241.6410, -9.5350, -8.9190

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.



229.8020, -17.2380, -6.9820



235.3590, 9.5350, 8.9190



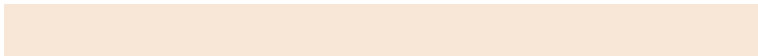
231.5450, -0.4570, -8.2410

Square

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



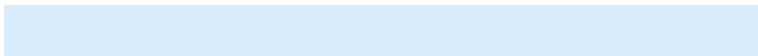
235.3590, 9.5350, 8.9190



233.5580, 15.8640, -1.1600



230.3420, -10.1310, -9.1310



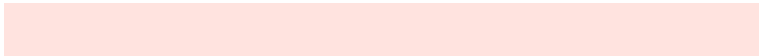
231.8440, -17.0560, 0.7360

Rectangle

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



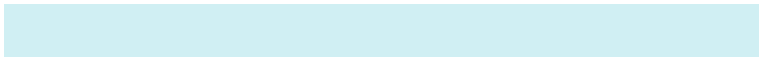
235.3590, 9.5350, 8.9190



234.9160, 17.9720, 4.6920



230.3420, -10.1310, -9.1310



230.1870, -19.7600, -5.3280

Sweetspot

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



235.3590, 9.5350, 8.9190



249.9620, 3.1630, 3.2510



232.6120, -1.4230, 9.2730



124.1360, 2.6130, 2.2050



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

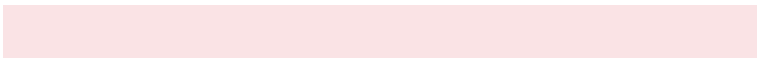
The Same Dimension uses a secret algorithm to generate beautiful new colors.



235.3590, 9.5350, 8.9190



237.1960, 11.5520, 10.9120



234.1050, 13.0660, 5.4980



116.7990, 5.1800, 5.2440



68.7090, 78.2970, 73.3450



22.2290, 25.1210, 23.8170

Inverse Universe

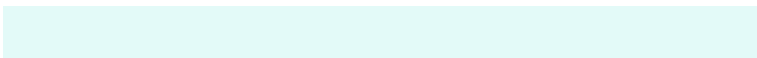
The Inverse Universe completely reimagines the original color for something new.



235.3590, 9.5350, 8.9190



237.1960, 11.5520, 10.9120



242.8950, -13.0660, -5.4980



116.7990, 5.1800, 5.2440



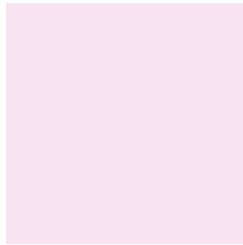
68.7090, 78.2970, 73.3450



22.2290, 25.1210, 23.8170

Previews

White Background



This preview shows how the YIQ color 235.3590, 9.5350, 8.9190 looks on a white background.

Color Contrast Check

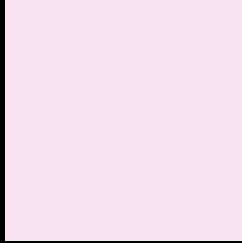
Large Text (above 18pt) WCAG AA × Fail

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 235.3590, 9.5350, 8.9190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

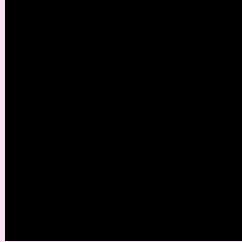
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 235.3590, 9.5350, 8.9190

Background



This preview shows how black text looks on a background with the YIQ color 235.3590, 9.5350, 8.9190.



This preview shows how white text looks on a background with the YIQ color 235.3590, 9.5350,

8.9190.

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

235.3590, 9.5350, 8.9190

Protanopia

234.1510, -1.7430, 4.0570

Deuteranopia

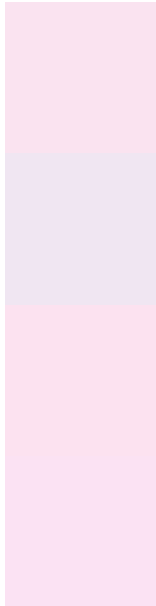
235.6690, 11.5980, 10.0780



Tritanopia

235.5270, 9.1220, 10.8980

Trichromacy



Original Color

235.3590, 9.5350, 8.9190

Protanomaly

234.3580, 2.1080, 5.8520

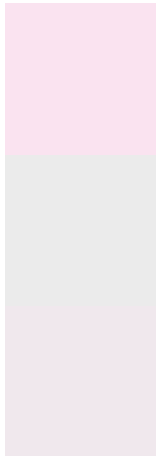
Deuteranomaly

235.3700, 11.0020, 9.8660

Tritanomaly

235.4130, 9.4430, 10.5870

Monochromacy



Original Color

235.3590, 9.5350, 8.9190

Achromatopsia

235.0000, 0.0000, -0.0000

Achromatomaly

234.9620, 3.1630, 3.2510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 235.3590, 9.5350, 8.9190 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(250, 227, 240)` looks like.

```
.text, #text, p{  
    color:rgb(250, 227, 240)  
}
```

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(250, 227, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 227, 240) }
```

Border

The CSS property to change the border of an element to YIQ 235.3590, 9.5350, 8.9190 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(250, 227, 240) }
```


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

```
.border{ border-color:rgb(250, 227, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 227, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 227, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 227, 240);  
box-shadow:4px 4px 4px 4px rgb(250, 227,  
240) }
```

Background

The CSS property to change the background color of an element to YIQ 235.3590, 9.5350, 8.9190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 227, 240) }
```

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

```
.background{ background-color: rgb(250,  
227, 240) }
```

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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