

Converting Colors

YIQ(239.0710, 18.4330, -9.1750)

Have a look what the booklet for
YIQ(239.0710, 18.4330, -9.1750)
contains.

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Color

**YIQ(239.0710, 18.4330,
-9.1750)**

Conversions

Conversions Part 1

Format	Color
Hex	FBF0CB
RGB	251, 240, 203
RGB Percent	98%, 94%, 80%
CMY	0.0157, 0.0588, 0.2038
CMYK	0.00, 0.04, 0.19, 0.02
HSL	46°, 86%, 89%
HSV	46°, 19%, 98%
XYZ	81.7252, 87.1398, 69.0284
YIQ	239.0710, 18.4330, -9.1750

Conversions

Conversions Part 2

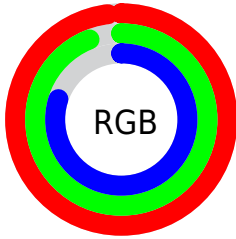
Format	Color
R _Y B	217, 251, 203
Decimal	16511179
CIE Lab	94.80, -2.12, 19.22
CIE LCh	95, 19.335, 96.297
Yxy	87.1398, 0.3435, 0.3663
Android (android.graphics.Color)	4294701259 (0xFFFBF0CB)
YUV	239.0710, -17.7830, 10.4617
Hunter-Lab	93.3487, -7.0865, 21.5010

Details

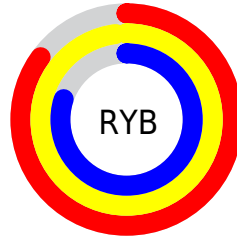
The YIQ color $239.0710, 18.4330, -9.1750$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $214.9290, -18.4330, 9.1750$, and the grayscale version is $239.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $183.0000, 17.1950, -8.7650$ is the 20% darker color. If you saturate the color by 10%, you get $232.6990, 28.1080, -13.8120$, and if you desaturate by 10%, it is $245.4430, 8.7580, -4.5380$.

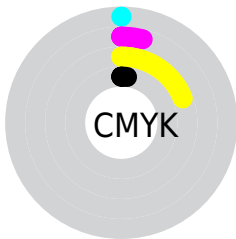
Distribution



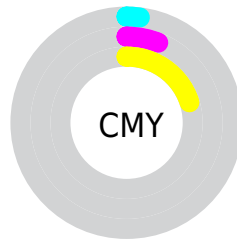
- Red (98%)
- Green (94%)
- Blue (80%)



- Red (85%)
- Yellow (98%)
- Blue (80%)



- Cyan (0%)
- Magenta (4%)
- Yellow (19%)
- Black (2%)





- Cyan (2%)
- Magenta (6%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 239.0710, 18.4330, -9.1750 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 239.0710, 18.4330, -9.1750 by changing the saturation by 10% instead.


 239.0710, 18.4330,
-9.1750


 239.0710, 18.4330,
-9.1750


255.0000, -0.0000,
-0.0000


 210.8860, 17.5160,
-9.0760

 183.0000, 17.1950,
-8.7650

 156.1140, 16.8740,
-8.4540

 129.9290, 15.9570,
-8.3550

 104.7440, 15.0400,
-8.2560

 80.5590, 14.1230,
-8.1570

 57.3740, 13.2060,

-8.0580

■ 35.2600, 13.5270,
-8.3690

■ 15.6600, 6.6490,
-4.8630

■ 239.0710, 18.4330,
-9.1750

■ 239.0710, 18.4330,
-9.1750

■ 232.6990, 28.1080,
-13.8120

■ 245.4430, 8.7580,
-4.5380

■ 226.3270, 37.7830,
-18.4490

■ 251.8150, -0.9170,
0.0990

■ 220.5420, 47.1830,
-23.6090

■ 253.8040, -2.3840,
-0.8480

■ 214.1700, 56.8580,
-28.2460

■ 207.7980, 66.5330,
-32.8830

■ 201.3120, 76.5290,
-37.8310

■ 195.5270, 85.9290,
-42.9910

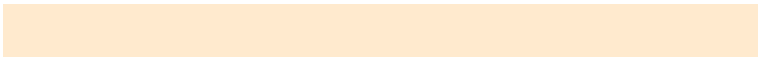
■ 189.1550, 95.6040,
-47.6280

■ 188.3400, 96.5210,
-47.7270

Harmonies

Analogous

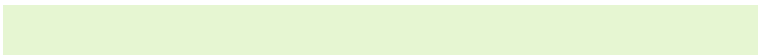
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



237.0870, 21.5040, -4.2560



239.0710, 18.4330, -9.1750



237.1120, 2.0200, -14.5880

Triad

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



239.0710, 18.4330, -9.1750



233.2280, -36.1730, -10.7410



239.7380, 7.1500, 13.5980

Complementary

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



239.0710, 18.4330, -9.1750



214.9290, -18.4330, 9.1750

Split Complementary

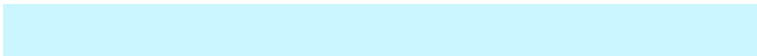
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



240.8790, 2.1990, 9.7110



239.0710, 18.4330, -9.1750



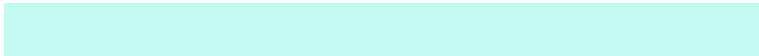
234.1690, -28.5170, -6.3170

Square

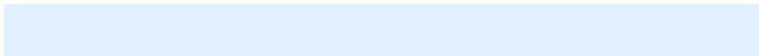
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



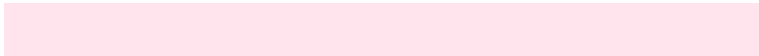
239.0710, 18.4330, -9.1750



233.3440, -30.8080, -14.3600



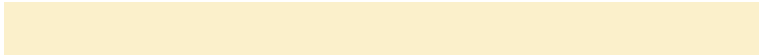
237.2250, -13.7550, 1.4850



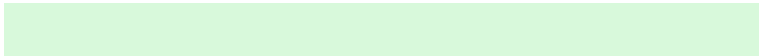
236.5120, 13.4780, 9.0460

Rectangle

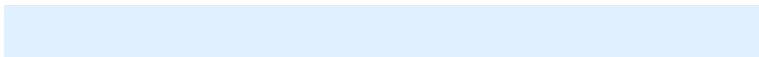
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



239.0710, 18.4330, -9.1750



235.7130, -10.0380, -16.3260



237.2250, -13.7550, 1.4850



240.3250, 6.8750, 13.0750

Sweetspot

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



239.0710, 18.4330, -9.1750



250.9420, 5.9150, -2.5730



218.6060, 25.0770, 13.5970



125.2130, 3.7140, -1.2300



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.



239.0710, 18.4330, -9.1750



240.6430, 22.5140, -11.5500



241.6410, 7.6600, -17.6840



121.7570, 4.9980, -2.4740



141.6260, 72.7690, -35.7670



45.8280, 23.4310, -11.6490

Inverse Universe

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



214.9290, -18.4330, 9.1750



210.9440, -22.7890, 11.0270



212.3590, -7.6600, 17.6840



115.2430, -4.9980, 2.4740



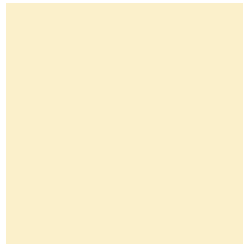
46.7870, -72.4940, 36.2900



15.1720, -23.4310, 11.6490

Previews

White Background



This preview shows how the YIQ color 239.0710, 18.4330, -9.1750 looks on a white background.

Color Contrast Check

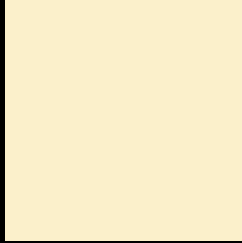
Large Text (above 18pt) WCAG AA × Fail

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 239.0710, 18.4330, -9.1750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

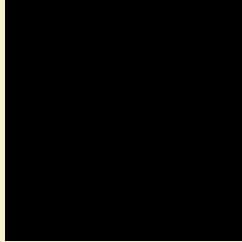
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 239.0710, 18.4330, -9.1750

Background



This preview shows how black text looks on a background with the YIQ color 239.0710, 18.4330, -9.1750.



This preview shows how white text looks on a background with the YIQ color 239.0710, 18.4330,

-9.1750.

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

239.0710, 18.4330, -9.1750

Protanopia

239.0820, 19.9000, -8.2280

Deuteranopia

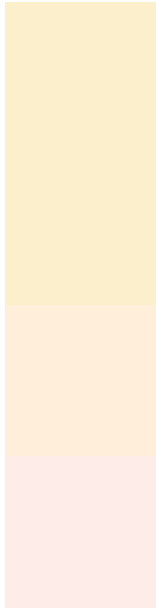
241.2420, 13.9380, 0.7060



Tritanopia

242.1030, 7.3800, 9.4280

Trichromacy



Original Color

239.0710, 18.4330, -9.1750

Protanomaly

238.7830, 19.3040, -8.4400

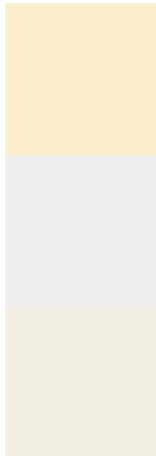
Deuteranomaly

240.5040, 15.9560, -2.8280

Tritanomaly

241.0400, 11.6910, 2.8830

Monochromacy



Original Color

239.0710, 18.4330, -9.1750

Achromatopsia

239.0000, -0.0000, -0.0000

Achromatomaly

238.7140, 6.5570, -3.1950

CSS Examples

Text

The CSS property to change the color of the text to YIQ 239.0710, 18.4330, -9.1750 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(251, 240, 203)` looks like.

```
.text, #text, p{  
    color:rgb(251, 240, 203)  
}
```

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(251, 240, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 240, 203) }
```

Border

The CSS property to change the border of an element to YIQ 239.0710, 18.4330, -9.1750 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(251, 240, 203) }
```


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

```
.border{ border-color:rgb(251, 240, 203) }
```

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

Here you see how a box with a 4 pixel rgb(251, 240, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 240, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 240, 203);  
box-shadow:4px 4px 4px 4px rgb(251, 240,  
203) }
```

Background

The CSS property to change the background color of an element to YIQ 239.0710, 18.4330, -9.1750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 240, 203) }
```

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

```
.background{ background-color: rgb(251,  
240, 203) }
```

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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