

Converting Colors

YIQ(239.0110, 18.6620, -7.8180)

Have a look what the booklet for
YIQ(239.0110, 18.6620, -7.8180)
contains.

YIQ(239.0110, 18.6620, -7.8180)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(239.0110, 18.6620,
-7.8180)**

Conversions

Conversions Part 1

Format	Color
Hex	FCEFCF
RGB	252, 239, 205
RGB Percent	99%, 94%, 80%
CMY	0.0118, 0.0627, 0.1960
CMYK	0.00, 0.05, 0.19, 0.01
HSL	43°, 89%, 90%
HSV	43°, 19%, 99%
XYZ	82.0332, 86.8347, 70.2110
YIQ	239.0110, 18.6620, -7.8180

Conversions

Conversions Part 2

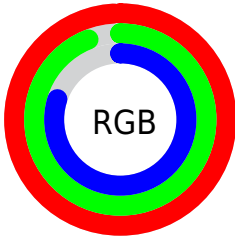
Format	Color
R _Y B	223, 252, 205
Decimal	16576461
CIE Lab	94.67, -0.97, 18.02
CIE LCh	95, 18.046, 93.070
Yxy	86.8347, 0.3431, 0.3632
Android (android.graphics.Color)	4294766541 (0xFFFCFCD)
YUV	239.0110, -16.7674, 11.3914
Hunter-Lab	93.1851, -5.9360, 20.5571

Details

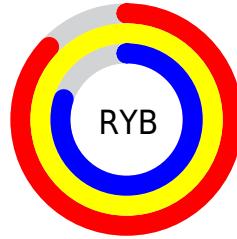
The YIQ color $239.0110, 18.6620, -7.8180$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $217.9890, -18.6620, 7.8180$, and the grayscale version is $239.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $182.9400, 17.4240, -7.4080$ is the 20% darker color. If you saturate the color by 10%, you get $232.0520, 28.6120, -11.9320$, and if you desaturate by 10%, it is $245.9700, 8.7120, -3.7040$.

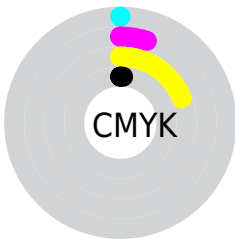
Distribution



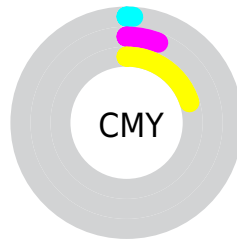
- Red (99%)
- Green (94%)
- Blue (80%)



- Red (87%)
- Yellow (99%)
- Blue (80%)



- Cyan (0%)
- Magenta (5%)
- Yellow (19%)
- Black (1%)



- Cyan (1%)
- Magenta (6%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 239.0110, 18.6620, -7.8180 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 239.0110, 18.6620, -7.8180 by changing the saturation by 10% instead.

■ 239.0110, 18.6620,
-7.8180

■ 239.0110, 18.6620,
-7.8180

255.0000, -0.0000,
-0.0000

■ 210.8260, 17.7450,
-7.7190

■ 182.9400, 17.4240,
-7.4080

■ 156.0540, 17.1030,
-7.0970

■ 129.8690, 16.1860,
-6.9980

■ 104.6840, 15.2690,
-6.8990

■ 80.4990, 14.3520,
-6.8000

■ 57.3140, 13.4350,

-6.7010

■ 35.7870, 13.4810,
-7.5350

■ 15.3720, 7.5200,
-4.1280

■ 239.0110, 18.6620,
-7.8180

■ 239.0110, 18.6620,
-7.8180

■ 232.0520, 28.6120,
-11.9320

■ 245.9700, 8.7120,
-3.7040

■ 225.0930, 38.5620,
-16.0460

■ 252.9290, -1.2380,
0.4100

■ 218.0200, 48.8330,
-20.4710

■ 254.1030, -1.7880,
-0.6360

■ 211.0610, 58.7830,
-24.5850

■ 204.1020, 68.7330,
-28.6990

■ 197.1430, 78.6830,
-32.8130

■ 190.1840, 88.6330,
-36.9270

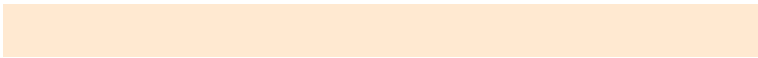
■ 183.1110, 98.9040,
-41.3520

■ 182.1820,
100.1420, -41.7620

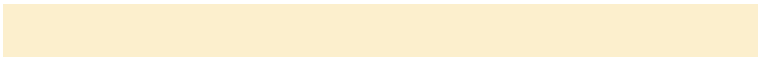
Harmonies

Analogous

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



236.8420, 20.8160, -2.8000



239.0110, 18.6620, -7.8180



236.5360, 3.7620, -13.1180

Triad

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



239.0110, 18.6620, -7.8180



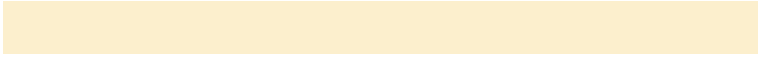
233.5380, -34.1100, -9.5820



240.3250, 6.8750, 13.0750

Complementary

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



239.0110, 18.6620, -7.8180



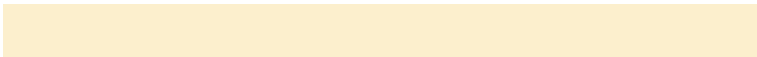
217.9890, -18.6620, 7.8180

Split Complementary

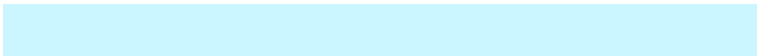
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



240.2700, -0.4600, 8.3400



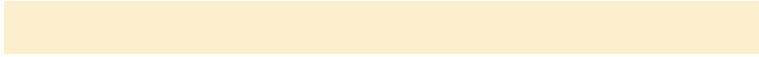
239.0110, 18.6620, -7.8180



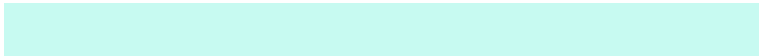
234.4680, -27.9210, -6.1050

Square

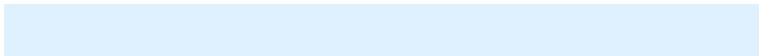
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



239.0110, 18.6620, -7.8180



233.7250, -27.5070, -13.6110



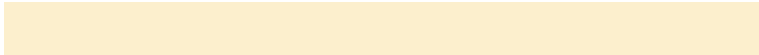
237.2140, -15.2220, 0.5380



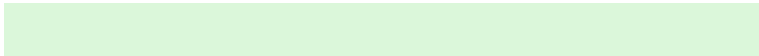
237.2130, 12.8820, 8.8340

Rectangle

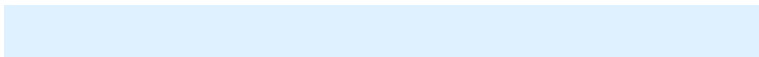
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



239.0110, 18.6620, -7.8180



235.3220, -7.3790, -14.9550



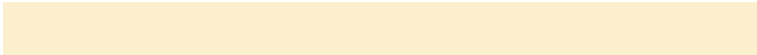
237.2140, -15.2220, 0.5380



240.9120, 6.6000, 12.5520

Sweetspot

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



239.0110, 18.6620, -7.8180



250.9420, 5.9150, -2.5730



220.5350, 23.8390, 14.0070



125.2130, 3.7140, -1.2300



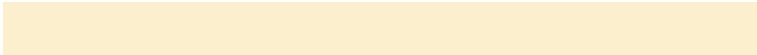
0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

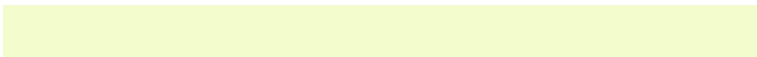
The Same Dimension uses a secret algorithm to generate beautiful new colors.



239.0110, 18.6620, -7.8180



239.2240, 22.3760, -9.0480



243.6520, 9.1270, -16.7370



121.1700, 5.2730, -1.9510



136.3430, 75.2440, -31.0600



44.0670, 24.2560, -10.0800

Inverse Universe

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



217.9890, -18.6620, 7.8180



214.1890, -22.1010, 9.5710



213.3480, -9.1270, 16.7370



115.8300, -5.2730, 1.9510



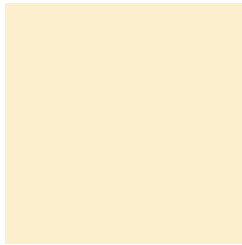
52.0700, -74.9690, 31.5830



16.9330, -24.2560, 10.0800

Previews

White Background



This preview shows how the YIQ color 239.0110, 18.6620, -7.8180 looks on a white background.

Color Contrast Check

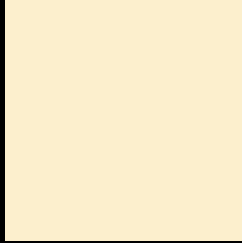
Large Text (above 18pt) WCAG AA × Fail

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 239.0110, 18.6620, -7.8180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

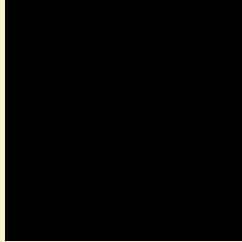
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 239.0110, 18.6620, -7.8180

Background



This preview shows how black text looks on a background with the YIQ color 239.0110, 18.6620, -7.8180.



This preview shows how white text looks on a background with the YIQ color 239.0110, 18.6620,

-7.8180.

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

239.0110, 18.6620, -7.8180

Protanopia

239.0110, 18.6620, -7.8180

Deuteranopia

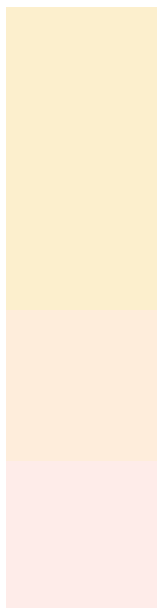
240.6550, 14.2130, 1.2290



Tritanopia

241.9890, 7.7010, 9.1170

Trichromacy



Original Color

239.0110, 18.6620, -7.8180

Protanomaly

239.0110, 18.6620, -7.8180

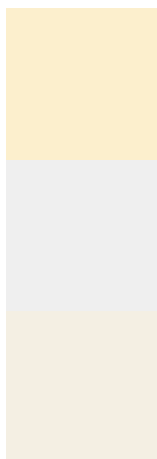
Deuteranomaly

240.0310, 15.9100, -1.9940

Tritanomaly

241.0400, 11.6910, 2.8830

Monochromacy



Original Color

239.0110, 18.6620, -7.8180

Achromatopsia

239.0000, -0.0000, -0.0000

Achromatomaly

239.1270, 6.8320, -2.6720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 239.0110, 18.6620, -7.8180 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, 239, 205)` looks like.

```
.text, #text, p{  
    color:rgb(252, 239, 205)  
}
```

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, 239, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 239, 205) }
```

Border

The CSS property to change the border of an element to YIQ 239.0110, 18.6620, -7.8180 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, 239, 205) }
```


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

```
.border{ border-color:rgb(252, 239, 205) }
```

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

Here you see how a box with a 4 pixel rgb(252, 239, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 239, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 239, 205);  
box-shadow:4px 4px 4px 4px rgb(252, 239,  
205) }
```

Background

The CSS property to change the background color of an element to YIQ 239.0110, 18.6620, -7.8180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 239, 205) }
```

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

```
.background{ background-color: rgb(252,  
239, 205) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor