

Converting Colors

YIQ(250.3390, 3.1190, -6.9690)

Have a look what the booklet for
YIQ(250.3390, 3.1190, -6.9690)
contains.

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Color

**YIQ(250.3390, 3.1190,
-6.9690)**

Conversions

Conversions Part 1	
Format	Color
Hex	F9FEEB
RGB	249, 254, 235
RGB Percent	98%, 100%, 92%
CMY	0.0235, 0.0039, 0.0784
CMYK	0.02, 0.00, 0.07, 0.00
HSL	76°, 90%, 96%
HSV	76°, 7%, 100%
XYZ	89.5036, 97.0221, 92.6123
YIQ	250.3390, 3.1190, -6.9690

Conversions

Conversions Part 2

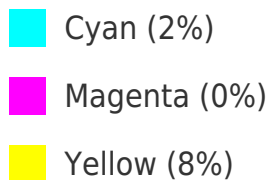
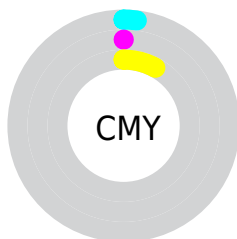
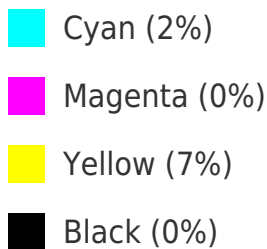
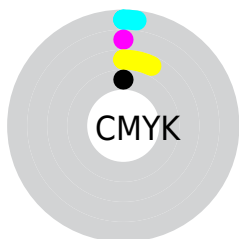
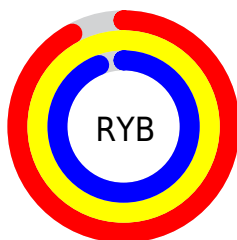
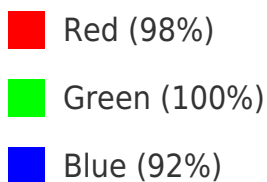
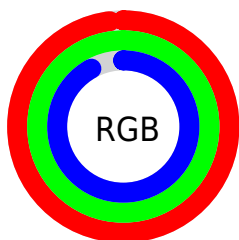
Format	Color
RYB	235, 254, 240
Decimal	16383723
CIELab	98.84, -4.90, 8.50
CIELCh	99, 9.812, 119.978
Yxy	97.0221, 0.3206, 0.3476
Android (android.graphics.Color)	4294573803 (0xFF9FEEB)
YUV	250.3390, -7.5621, -1.1743
Hunter-Lab	98.4998, -10.1774, 13.2037

Details

The YIQ color 250.3390, 3.1190, -6.9690 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 238.6610, -3.1190, 6.9690, and the grayscale version is 250.0000, 0.0000, 0.0000.

A 20% lighter version of the original color is 255.0000, -0.0000, -0.0000, and 193.7520, 3.3940, -6.4460 is the 20% darker color. If you saturate the color by 10%, you get 245.3960, 6.9720, -16.2280, and if you desaturate by 10%, it is 254.4130, 0.2750, 0.5230.

Distribution





Brightness & Saturation

Gradients

These gradients show how the YIQ color 250.3390, 3.1190, -6.9690 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 250.3390, 3.1190, -6.9690 by changing the saturation by 10% instead.

 250.3390, 3.1190,
-6.9690

 250.3390, 3.1190,
-6.9690


255.0000, -0.0000,
-0.0000


 221.4530, 2.7980,
-6.6580

 193.7520, 3.3940,
-6.4460

 166.5670, 2.4770,
-6.3470

 140.5670, 2.4770,
-6.3470

 114.9800, 2.7520,
-5.8240

 90.0940, 2.4310,
-5.5130

 67.0940, 2.4310,

-5.5130

■ 44.7950, 1.8350,
-5.7250

■ 23.9800, 2.7520,
-5.8240

■ 250.3390, 3.1190,
-6.9690

■ 250.3390, 3.1190,
-6.9690


■ 245.3960, 6.9720,
-16.2280


254.4130, 0.2750,
0.5230


■ 240.6380, 11.7420,
-25.5860


■ 235.6950, 15.5950,
-34.8450

■ 230.6380, 19.7690,
-44.4150

 225.6950, 23.6220,
-53.6740

 221.0510, 28.0710,
-62.7210

 215.9940, 32.2450,
-72.2910

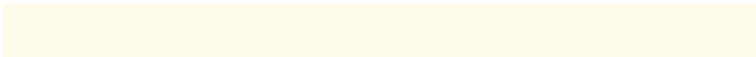
 211.0510, 36.0980,
-81.5500

 206.2930, 40.8680,
-90.9080

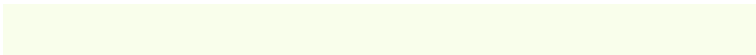
Harmonies

Analogous

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



250.1440, 8.1620, -4.7500



250.3390, 3.1190, -6.9690



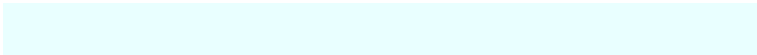
248.4350, -5.9590, -7.6470

Triad

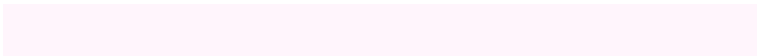
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



250.3390, 3.1190, -6.9690



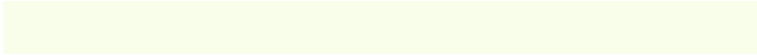
248.4220, -13.1120, -4.6640



248.7880, 3.7130, 4.2970

Complementary

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



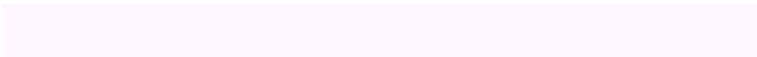
250.3390, 3.1190, -6.9690



238.6610, -3.1190, 6.9690

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.



250.3040, 2.2000, 4.1840



250.3390, 3.1190, -6.9690



249.3520, -6.9230, -1.1870

Square

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



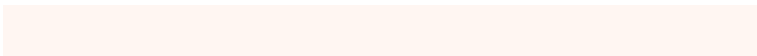
250.3390, 3.1190, -6.9690



246.9270, -16.0920, -5.7240



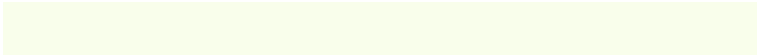
251.1790, 1.0540, 2.9260



248.2350, 6.6480, 0.6640

Rectangle

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



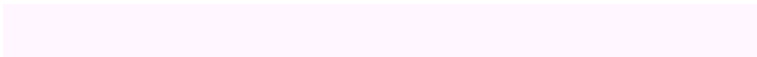
250.3390, 3.1190, -6.9690



247.6240, -10.8650, -6.8410



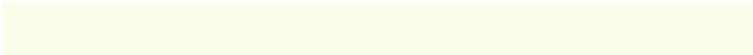
251.1790, 1.0540, 2.9260



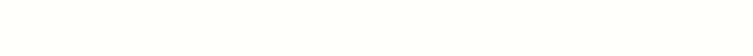
249.7170, 2.4750, 4.7070

Sweetspot

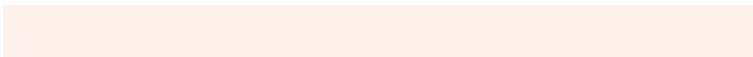
The Sweet Spot groups the original color and five complimentary colors.



250.3390, 3.1190, -6.9690



254.1310, 1.0090, -1.7670



243.6160, 9.9490, 1.4130



127.3590, 0.3670, -1.1450



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.



250.3390, 3.1190, -6.9690



250.5840, 3.8070, -8.4250



247.6480, -2.2450, -8.8770



125.3220, 1.7890, -4.8910



154.2760, 31.5110, -70.0010



51.6210, 10.4120, -23.5080

Inverse Universe

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



238.6610, -3.1190, 6.9690



236.4160, -3.8070, 8.4250



241.3520, 2.2450, 8.8770



117.3790, -2.3850, 4.6790



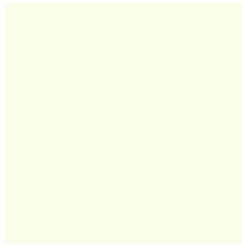
36.7240, -31.5110, 70.0010



12.3790, -10.4120, 23.5080

Previews

White Background



This preview shows how the YIQ color 250.3390, 3.1190, -6.9690 looks on a white background.

Color Contrast Check

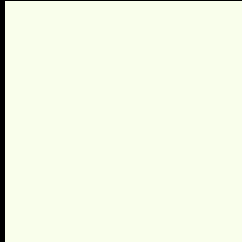
Large Text (above 18pt) WCAG AA × Fail

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 250.3390, 3.1190, -6.9690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

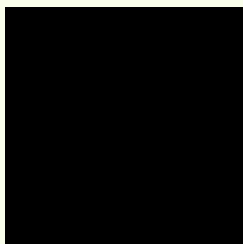
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

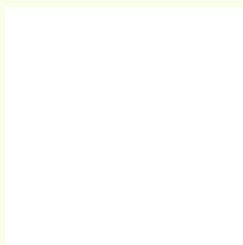
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 250.3390, 3.1190, -6.9690

Background



This preview shows how black text looks on a background with the YIQ color 250.3390, 3.1190, -6.9690.

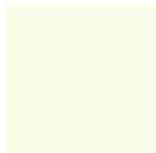


This preview shows how white text looks on a background with the YIQ color 250.3390, 3.1190, -6.9690.

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

250.3390, 3.1190, -6.9690



Protanopia

251.5120, 4.3100, -1.0180

Deuteranopia

252.0820, 2.7050, 0.5370

Tritanopia

251.7550, -0.6880, 1.4560

Trichromacy

	Original Color 250.3390, 3.1190, -6.9690
	Protanomaly 251.0450, 4.1270, -3.2090
	Deuteranomaly 251.5010, 2.8430, -1.9650
	Tritanomaly 251.2450, 0.6880, -1.4560

Monochromacy

	Original Color 250.3390, 3.1190, -6.9690
	Achromatopsia 250.0000, 0.0000, 0.0000
	Achromatomaly 250.0170, 1.3300, -2.0780

CSS Examples

Text

The CSS property to change the color of the text to YIQ 250.3390, 3.1190, -6.9690 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(249, 254, 235)` looks like.

```
.text, #text, p{  
    color:rgb(249, 254, 235)  
}
```

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(249, 254, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 254, 235) }
```

Border

The CSS property to change the border of an element to YIQ 250.3390, 3.1190, -6.9690 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(249, 254, 235) }
```


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

```
.border{ border-color:rgb(249, 254, 235) }
```

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

Here you see how a box with a 4 pixel rgb(249, 254, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 254, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 254, 235);  
box-shadow:4px 4px 4px 4px rgb(249, 254,  
235) }
```

Background

The CSS property to change the background color of an element to YIQ 250.3390, 3.1190, -6.9690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 254, 235) }
```

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

```
.background{ background-color: rgb(249,  
254, 235) }
```

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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awesome pro features!

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