

Converting Colors

YIQ(249.3190, -11.3240,
-4.0280)

Have a look what the booklet for
YIQ(249.3190, -11.3240, -4.0280)
contains.

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Color

**YIQ(249.3190, -11.3240,
-4.0280)**

Conversions

Conversions Part 1

Format	Color
Hex	ECFFFF
RGB	236, 255, 255
RGB Percent	93%, 100%, 100%
CMY	0.0745, 0.0000, 0.0000
CMYK	0.07, 0.00, 0.00, 0.00
HSL	180°, 100%, 96%
HSV	180°, 7%, 100%
XYZ	88.3964, 96.5702, 108.5790
YIQ	249.3190, -11.3240, -4.0280

Conversions

Conversions Part 2

Format	Color
R _Y B	236, 246, 255
Decimal	15532031
CIE Lab	98.66, -6.16, -2.13
CIE LCh	99, 6.519, 199.043
Yxy	96.5702, 0.3011, 0.3290
Android (android.graphics.Color)	4293722111 (0xFFE0FFFF)
YUV	249.3190, 2.8007, -11.6808
Hunter-Lab	98.2701, -11.4075, 3.2794

Details

The YIQ color 249.3190, -11.3240, -4.0280 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 241.6810, 11.3240, 4.0280, and the grayscale version is 249.0000, -0.0000, -0.0000.

A 20% lighter version of the original color is 255.0000, -0.0000, -0.0000, and 192.6180, -10.7280, -3.8160 is the 20% darker color. If you saturate the color by 10%, you get 241.5450, -26.8200, -9.5400, and if you desaturate by 10%, it is 255.0000, -0.0000, -0.0000.

Distribution



- Red (93%)
- Green (100%)
- Blue (100%)



- Red (93%)
- Yellow (96%)
- Blue (100%)



- Cyan (7%)
- Magenta (0%)
- Yellow (0%)
- Black (0%)



- Cyan (7%)
- Magenta (0%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 249.3190, -11.3240, -4.0280 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 249.3190, -11.3240, -4.0280 by changing the saturation by 10% instead.

249.3190,
-11.3240, -4.0280

249.3190,
-11.3240, -4.0280

255.0000, -0.0000,
-0.0000

220.6180,
-10.7280, -3.8160

192.6180,
-10.7280, -3.8160

165.6180,
-10.7280, -3.8160

139.6180,
-10.7280, -3.8160

113.9170,
-10.1320, -3.6040

89.2160, -9.5360,
-3.3920

66.2160, -9.5360,

-3.3920

■ 43.5150, -8.9400,
-3.1800

■ 22.5150, -8.9400,
-3.1800

■ 249.3190,
-11.3240, -4.0280

■ 249.3190,
-11.3240, -4.0280

■ 241.5450,
-26.8200, -9.5400

255.0000, -0.0000,
-0.0000

■ 234.0700,
-41.7200, -14.8400

■ 226.2960,
-57.2160, -20.3520

■ 218.8210,
-72.1160, -25.6520

■ 211.0470,
-87.6120, -31.1640

■ 203.5720,
-102.5120, -36.4640

■ 195.7980,
-118.0080, -41.9760

■ 188.3230,
-132.9080, -47.2760

■ 180.5490,
-148.4040, -52.7880

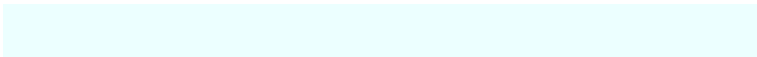
Harmonies

Analogous

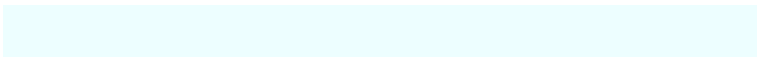
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



249.4180, -7.2890, -5.5690



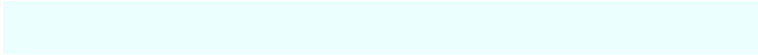
249.3190, -11.3240, -4.0280



249.0310, -10.4530, -3.2930

Triad

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



249.3190, -11.3240, -4.0280



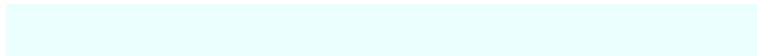
250.8910, 1.9250, 3.6610



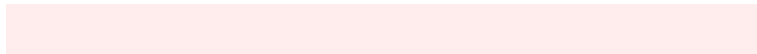
250.2410, 6.5110, -2.3610

Complementary

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



249.3190, -11.3240, -4.0280



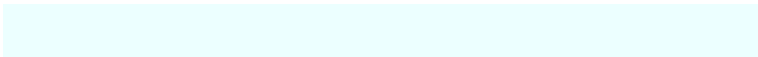
241.6810, 11.3240, 4.0280

Split Complementary

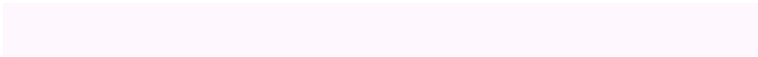
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



249.4090, 6.0980, -0.3820



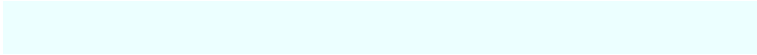
249.3190, -11.3240, -4.0280



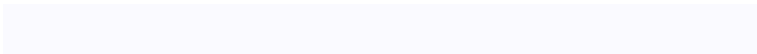
250.1900, 2.5210, 3.8730

Square

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



249.3190, -11.3240, -4.0280



250.5700, -1.6050, 1.5550



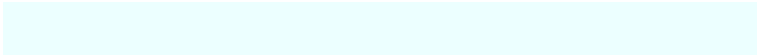
249.3920, 4.7680, 1.6960



250.5180, 4.1730, -4.0430

Rectangle

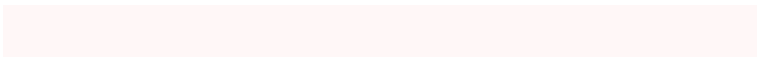
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



249.3190, -11.3240, -4.0280



249.3410, -8.3900, -2.1340



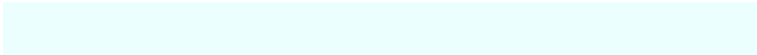
249.3920, 4.7680, 1.6960



249.6540, 6.7860, -1.8380

Sweetspot

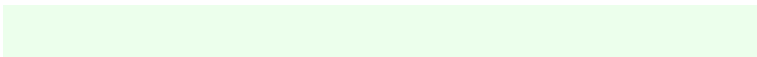
The Sweet Spot groups the original color and five complimentary colors.



249.3190, -11.3240, -4.0280



253.5050, -2.9800, -1.0600



247.1530, -5.2250, -9.9370



126.9890, -1.4670, -0.9470



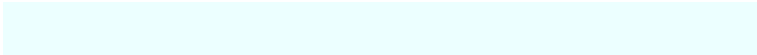
0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

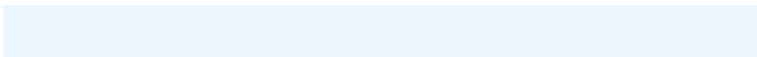
The Same Dimension uses a secret algorithm to generate beautiful new colors.



249.3190, -11.3240, -4.0280



248.1230, -13.7080, -4.8760



244.0360, -8.8490, 0.6790



123.9990, -7.4270, -3.0670



133.8910, -113.8360, -40.4920



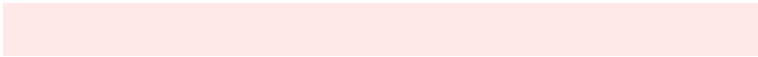
44.8640, -38.1440, -13.5680

Inverse Universe

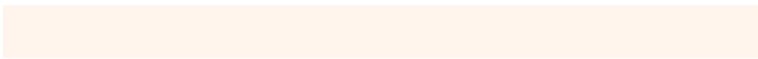
The Inverse Universe completely reimagines the original color for something new.



241.6810, 11.3240, 4.0280



238.8770, 13.7080, 4.8760



246.9640, 8.8490, -0.6790



118.8870, 7.7480, 2.7560



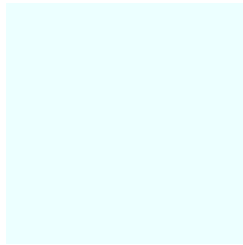
57.1090, 113.8360, 40.4920



19.1360, 38.1440, 13.5680

Previews

White Background



This preview shows how the YIQ color 249.3190, -11.3240, -4.0280 looks on a white background.

Color Contrast Check

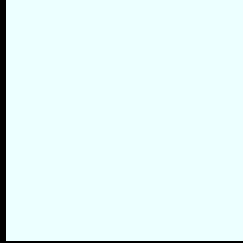
Large Text (above 18pt) WCAG AA × Fail

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 249.3190, -11.3240, -4.0280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

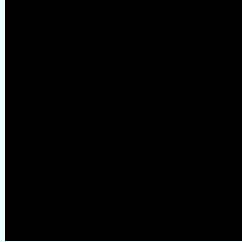
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 249.3190, -11.3240, -4.0280

Background



This preview shows how black text looks on a background with the YIQ color 249.3190, -11.3240, -4.0280.



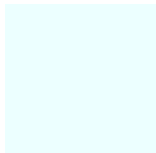
This preview shows how white text looks on a background with the YIQ color 249.3190, -11.3240, -4.0280.

-4.0380.

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

249.3190, -11.3240, -4.0280



Protanopia

251.7230, 2.3380, 1.6820

Deuteranopia

251.7230, 2.3380, 1.6820

Tritanopia

250.8580, -2.4760, 0.8200

Trichromacy



Original Color

249.3190, -11.3240, -4.0280

Protanomaly

250.9180, -2.7050, -0.5370

Deuteranomaly

250.9180, -2.7050, -0.5370

Tritanomaly

249.9500, -5.7310, -0.7630

Monochromacy



Original Color

249.3190, -11.3240, -4.0280

Achromatopsia

249.0000, -0.0000, -0.0000

Achromatomaly

248.9070, -4.1720, -1.4840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 249.3190, -11.3240, -4.0280 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(236, 255, 255)` looks like.

```
.text, #text, p{  
    color:rgb(236, 255, 255)  
}
```

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(236, 255, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 255, 255) }
```

Border

The CSS property to change the border of an element to YIQ 249.3190, -11.3240, -4.0280 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(236, 255, 255) }
```


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

```
.border{ border-color:rgb(236, 255, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 255, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 255, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 255, 255);  
box-shadow:4px 4px 4px 4px rgb(236, 255,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 249.3190, -11.3240, -4.0280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 255, 255) }
```

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

```
.background{ background-color: rgb(236,  
255, 255) }
```

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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