

Converting Colors

YIQ(245.3590, -8.8010,
-11.2090)

Have a look what the booklet for
YIQ(245.3590, -8.8010, -11.2090)
contains.

YIQ(245.3590, -8.8010, -11.2090)	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(245.3590, -8.8010,
-11.2090)**

Conversions

Conversions Part 1

Format	Color
Hex	E6FFEC
RGB	230, 255, 236
RGB Percent	90%, 100%, 93%
CMY	0.0981, 0.0000, 0.0745
CMYK	0.10, 0.00, 0.07, 0.00
HSL	134°, 100%, 95%
HSV	134°, 10%, 100%
XYZ	83.5269, 94.3958, 93.1708
YIQ	245.3590, -8.8010, -11.2090

Conversions

Conversions Part 2

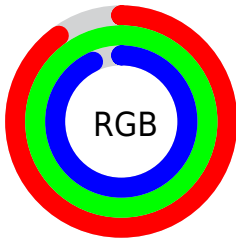
Format	Color
R _Y B	230, 250, 255
Decimal	15138796
CIE Lab	97.79, -11.56, 6.32
CIE LCh	98, 13.170, 151.342
Yxy	94.3958, 0.3081, 0.3482
Android (android.graphics.Color)	4293328876 (0xFFE6FFEC)
YUV	245.3590, -4.6140, -13.4698
Hunter-Lab	97.1575, -16.5682, 11.1531

Details

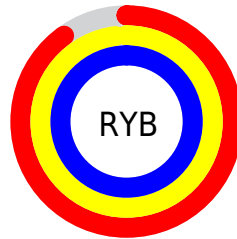
The YIQ color $245.3590, -8.8010, -11.2090$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $239.6410, 8.8010, 11.2090$, and the grayscale version is $245.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $188.7720, -8.5260, -10.6860$ is the 20% darker color. If you saturate the color by 10%, you get $235.4190, -18.1980, -22.6300$, and if you desaturate by 10%, it is $255.0000, -0.0000, -0.0000$.

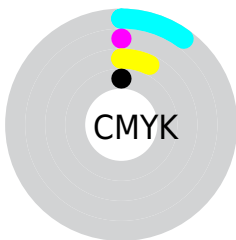
Distribution



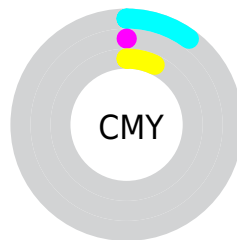
- Red (90%)
- Green (100%)
- Blue (93%)



- Red (90%)
- Yellow (98%)
- Blue (100%)



- Cyan (10%)
- Magenta (0%)
- Yellow (7%)
- Black (0%)



- Cyan (10%)
- Magenta (0%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 245.3590, -8.8010, -11.2090 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 245.3590, -8.8010, -11.2090 by changing the saturation by 10% instead.


 245.3590, -8.8010,
-11.2090


 245.3590, -8.8010,
-11.2090


255.0000, -0.0000,
-0.0000


 216.7720, -8.5260,
-10.6860

 188.7720, -8.5260,
-10.6860

 162.0710, -7.9300,
-10.4740

 135.4840, -7.6550,
-9.9510

 110.4840, -7.6550,
-9.9510

 85.8970, -7.3800,
-9.4280

 62.4240, -7.4260,

-8.5940

■ 40.4240, -7.4260,
-8.5940

■ 19.0110, -7.7010,
-9.1170

■ 245.3590, -8.8010,
-11.2090

■ 245.3590, -8.8010,
-11.2090

■ 235.4190,
-18.1980, -22.6300

255.0000, -0.0000,
-0.0000

■ 225.6640,
-26.6780, -34.1500

■ 215.7240,
-36.0750, -45.5710

■ 206.0830,
-44.8760, -56.7800

■ 196.0290,
-53.9520, -68.5120

■ 186.3880,
-62.7530, -79.7210

■ 176.3340,
-71.8290, -91.4530

■ 166.6930,
-80.6300, -102.6620

■ 156.7530,
-90.0270, -114.0830

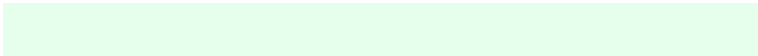
Harmonies

Analogous

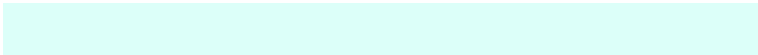
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



246.7580, 3.2570, -9.4710



245.3590, -8.8010, -11.2090



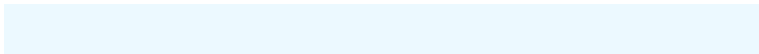
243.8510, -18.9340, -9.2860

Triad

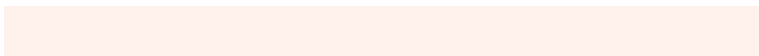
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



245.3590, -8.8010, -11.2090



245.7970, -9.6740, -0.8900



244.6160, 9.9490, 1.4130

Complementary

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



245.3590, -8.8010, -11.2090



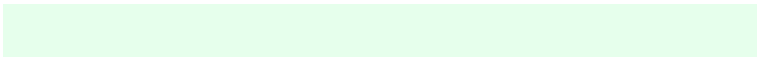
239.6410, 8.8010, 11.2090

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.



245.3970, 6.3720, 5.6680



245.3590, -8.8010, -11.2090



248.2330, 0.9620, 4.5940

Square

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



245.3590, -8.8010, -11.2090



244.2580, -18.5220, -5.7380



247.3690, 3.5750, 6.7990



245.3510, 12.0130, -2.9550

Rectangle

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



245.3590, -8.8010, -11.2090



243.6380, -22.6480, -8.0560



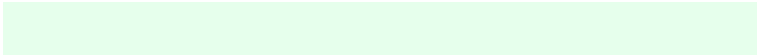
247.3690, 3.5750, 6.7990



244.4850, 8.9400, 3.1800

Sweetspot

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



245.3590, -8.8010, -11.2090



251.9240, -2.8420, -3.5620



250.3560, 4.4490, -9.0470



125.7500, -2.2920, -2.5160



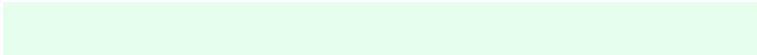
0.0000, 0.0000, 0.0000



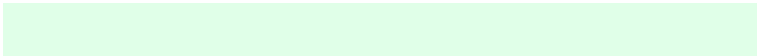
128.0000, -0.0000, -0.0000

Same Dimension

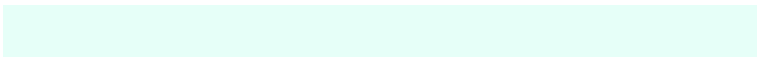
The Same Dimension uses a secret algorithm to generate beautiful new colors.



245.3590, -8.8010, -11.2090



243.1090, -11.0930, -13.7250



246.7270, -12.6530, -7.4770



122.9730, -4.5380, -5.8660



117.3610, -67.2910, -85.5870



39.2780, -22.4150, -28.8070

Inverse Universe

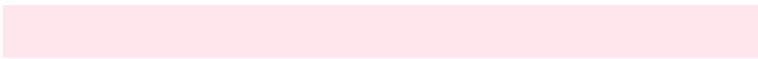
The Inverse Universe completely reimagines the original color for something new.



239.6410, 8.8010, 11.2090



236.0050, 10.7720, 14.0360



238.2730, 12.6530, 7.4770



119.9130, 4.8590, 5.5550



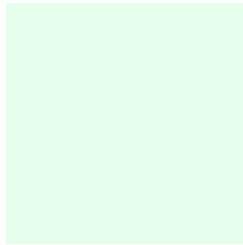
73.6390, 67.2910, 85.5870



24.6080, 22.7360, 28.4960

Previews

White Background



This preview shows how the YIQ color 245.3590, -8.8010, -11.2090 looks on a white background.

Color Contrast Check

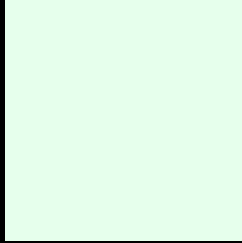
Large Text (above 18pt) WCAG AA × Fail

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 245.3590, -8.8010, -11.2090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

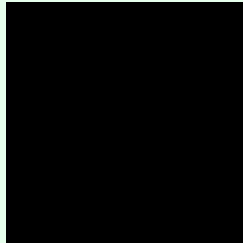
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

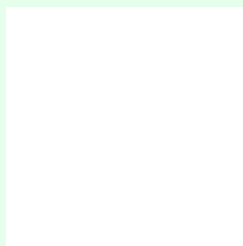
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 245.3590, -8.8010, -11.2090

Background



This preview shows how black text looks on a background with the YIQ color 245.3590, -8.8010, -11.2090.



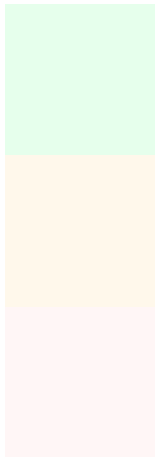
This preview shows how white text looks on a background with the YIQ color 245.3590, -8.8010, -11.2090.

-11.2090.

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

245.3590, -8.8010, -11.2090

Protanopia

248.6110, 8.3450, -2.5590

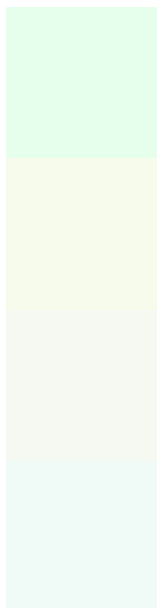
Deuteranopia

248.6910, 5.3640, 1.9080

Tritanopia

248.4880, -4.3100, 1.0180

Trichromacy



Original Color

245.3590, -8.8010, -11.2090

Protanomaly

247.6810, 2.1560, -6.0360

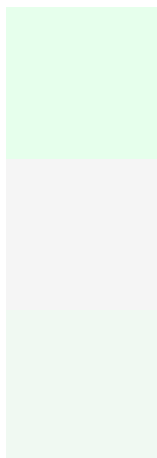
Deuteranomaly

247.3050, 0.4590, -2.8130

Tritanomaly

247.3690, -5.5930, -3.2650

Monochromacy



Original Color

245.3590, -8.8010, -11.2090

Achromatopsia

245.0000, -0.0000, 0.0000

Achromatomaly

245.5110, -3.1170, -4.0850

CSS Examples

Text

The CSS property to change the color of the text to YIQ 245.3590, -8.8010, -11.2090 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(230, 255, 236)` looks like.

```
.text, #text, p{  
    color:rgb(230, 255, 236)  
}
```

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(230, 255, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 255, 236) }
```

Border

The CSS property to change the border of an element to YIQ 245.3590, -8.8010, -11.2090 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(230, 255, 236) }
```


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

```
.border{ border-color:rgb(230, 255, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 255, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 255, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 255, 236);  
box-shadow:4px 4px 4px 4px rgb(230, 255,  
236) }
```

Background

The CSS property to change the background color of an element to YIQ 245.3590, -8.8010, -11.2090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 255, 236) }
```

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

```
.background{ background-color: rgb(230,  
255, 236) }
```

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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