

Converting Colors

YIQ(237.2130, -5.4540,
-11.2940)

Have a look what the booklet for
YIQ(237.2130, -5.4540, -11.2940)
contains.

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Color

**YIQ(237.2130, -5.4540,
-11.2940)**

Conversions

Conversions Part 1

Format	Color
Hex	E1F6E0
RGB	225, 246, 224
RGB Percent	88%, 96%, 88%
CMY	0.1177, 0.0352, 0.1216
CMYK	0.09, 0.00, 0.09, 0.04
HSL	117°, 55%, 92%
HSV	117°, 9%, 96%
XYZ	77.4591, 87.3036, 83.2889
YIQ	237.2130, -5.4540, -11.2940

Conversions

Conversions Part 2

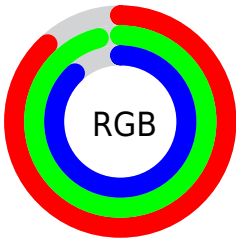
Format	Color
R _Y B	224, 246, 245
Decimal	14808800
CIE Lab	94.87, -10.84, 8.24
CIE LCh	95, 13.617, 142.766
Yxy	87.3036, 0.3123, 0.3520
Android (android.graphics.Color)	4292998880 (0xFFE1F6E0)
YUV	237.2130, -6.5140, -10.7108
Hunter-Lab	93.4364, -15.5365, 12.5545

Details

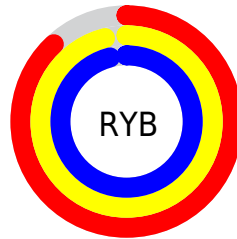
The YIQ color $237.2130, -5.4540, -11.2940$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $232.7870, 5.4540, 11.2940$, and the grayscale version is $237.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $181.6260, -5.1790, -10.7710$ is the 20% darker color. If you saturate the color by 10%, you get $227.1870, -11.7330, -24.1570$, and if you desaturate by 10%, it is $246.9400, 0.2290, 1.3570$.

Distribution



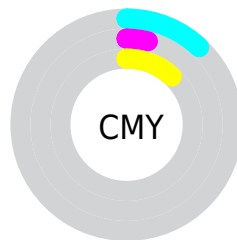
- Red (88%)
- Green (96%)
- Blue (88%)



- Red (88%)
- Yellow (96%)
- Blue (96%)



- Cyan (9%)
- Magenta (0%)
- Yellow (9%)
- Black (4%)



- Cyan (12%)
- Magenta (4%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 237.2130, -5.4540, -11.2940 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 237.2130, -5.4540, -11.2940 by changing the saturation by 10% instead.

■ 237.2130, -5.4540,
-11.2940

■ 237.2130, -5.4540,
-11.2940

255.0000, -0.0000,
-0.0000

■ 209.2130, -5.4540,
-11.2940

■ 181.6260, -5.1790,
-10.7710

■ 154.6260, -5.1790,
-10.7710

■ 128.1530, -5.2250,
-9.9370

■ 103.4520, -4.6290,
-9.7250

■ 79.5660, -4.9500,
-9.4140

■ 55.9790, -4.6750,

-8.8910

■ 34.3920, -4.4000,
-8.3680

■ 12.3270, -5.7750,
-10.9830

■ 237.2130, -5.4540,
-11.2940

■ 237.2130, -5.4540,
-11.2940

■ 227.1870,
-11.7330, -24.1570

■ 246.9400, 0.2290,
1.3570

■ 217.5740,
-17.7370, -36.4970

■ 249.7170, 2.4750,
4.7070

■ 207.5480,
-24.0160, -49.3600

■ 197.9350,
-30.0200, -61.7000

■ 187.9090,
-36.2990, -74.5630

■ 178.1820,
-41.9820, -87.2140

■ 168.2700,
-48.5820, -99.7660

■ 158.5430,
-54.2650, -112.4170

■ 148.6310,
-60.8650, -124.9690

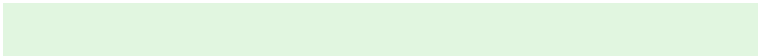
Harmonies

Analogous

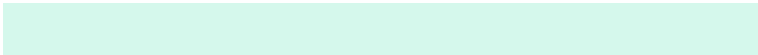
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



239.0250, 6.8790, -9.0330



237.2130, -5.4540, -11.2940



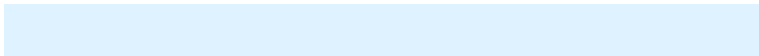
236.1670, -17.0080, -11.1520

Triad

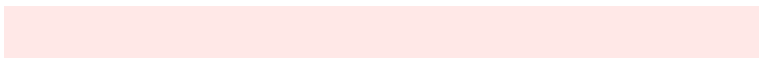
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



237.2130, -5.4540, -11.2940



237.8010, -15.4970, 0.0150



238.7630, 14.0290, 4.5650

Complementary

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



237.2130, -5.4540, -11.2940



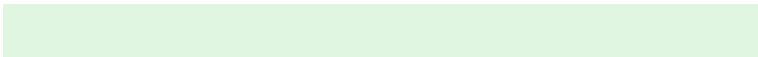
232.7870, 5.4540, 11.2940

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.



240.2450, 9.8560, 8.6080



237.2130, -5.4540, -11.2940



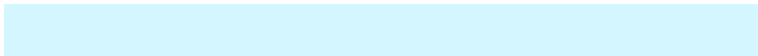
240.2370, -4.8610, 5.4990

Square

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



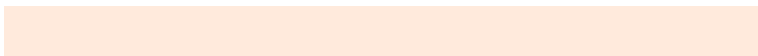
237.2130, -5.4540, -11.2940



236.5610, -23.7490, -4.6210



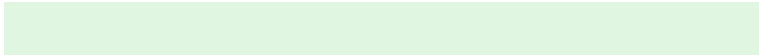
242.6730, 5.7750, 10.9830



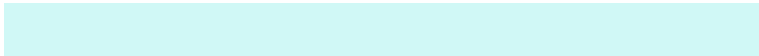
238.6830, 17.0100, 0.0980

Rectangle

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



237.2130, -5.4540, -11.2940



235.8120, -23.1980, -9.1020



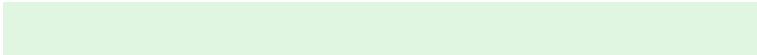
242.6730, 5.7750, 10.9830



238.6320, 13.0200, 6.3320

Sweetspot

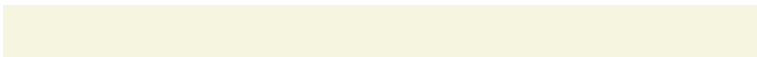
The Sweet Spot groups the original color and five complimentary colors.



237.2130, -5.4540, -11.2940



251.9950, -1.6040, -3.9720



242.9050, 7.3370, -6.3190



125.8210, -1.0540, -2.9260



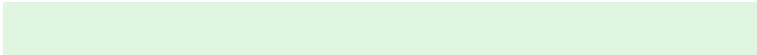
0.0000, 0.0000, 0.0000



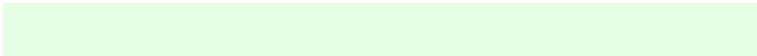
128.0000, -0.0000, -0.0000

Same Dimension

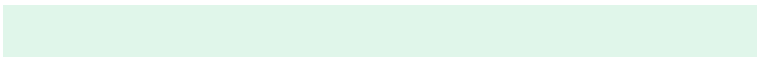
The Same Dimension uses a secret algorithm to generate beautiful new colors.



237.2130, -5.4540, -11.2940



243.7350, -7.1040, -14.4320



238.0540, -9.2600, -8.3960



117.3430, -2.7040, -6.0640



111.5740, -46.3820, -95.5820



35.5300, -14.4370, -30.2210

Inverse Universe

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



232.7870, 5.4540, 11.2940



238.2650, 7.1040, 14.4320



231.9460, 9.2600, 8.3960



114.9560, 3.3000, 6.2760



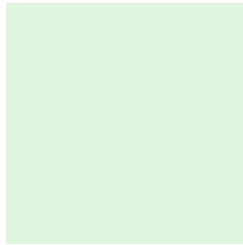
74.4260, 46.3820, 95.5820



23.4700, 14.4370, 30.2210

Previews

White Background



This preview shows how the YIQ color 237.2130, -5.4540, -11.2940 looks on a white background.

Color Contrast Check

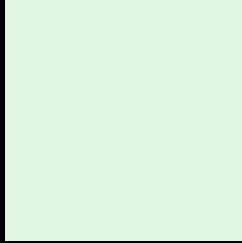
Large Text (above 18pt) WCAG AA × Fail

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 237.2130, -5.4540, -11.2940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

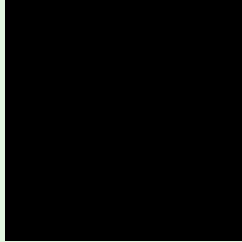
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

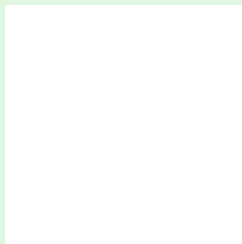
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 237.2130, -5.4540, -11.2940

Background



This preview shows how black text looks on a background with the YIQ color 237.2130, -5.4540, -11.2940.



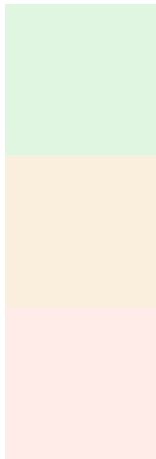
This preview shows how white text looks on a background with the YIQ color 237.2130, -5.4540, -11.2940.

-11.2940.

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**

237.2130, -5.4540, -11.2940

Protanopia

239.8240, 12.0590, -3.7890

Deuteranopia

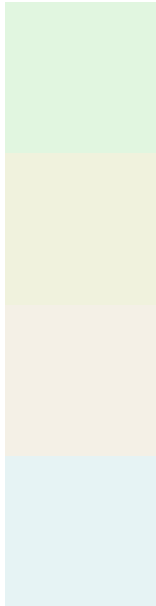
241.3390, 12.2870, 3.0950



Tritanopia

240.2040, -9.2620, 2.6580

Trichromacy



Original Color

237.2130, -5.4540, -11.2940

Protanomaly

239.0080, 5.5490, -6.9550

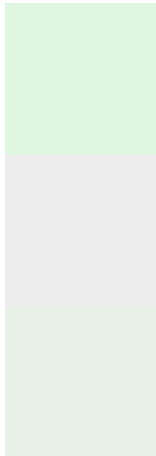
Deuteranomaly

240.0560, 5.5940, -2.2620

Tritanomaly

239.2270, -8.0690, -2.4450

Monochromacy



Original Color

237.2130, -5.4540, -11.2940

Achromatopsia

237.0000, -0.0000, -0.0000

Achromatomaly

236.9950, -1.6040, -3.9720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 237.2130, -5.4540, -11.2940 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(225, 246, 224)` looks like.

```
.text, #text, p{  
    color:rgb(225, 246, 224)  
}
```

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(225, 246, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 246, 224) }
```

Border

The CSS property to change the border of an element to YIQ 237.2130, -5.4540, -11.2940 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(225, 246, 224) }
```


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

```
.border{ border-color:rgb(225, 246, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 246, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 246, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 246, 224);  
box-shadow:4px 4px 4px 4px rgb(225, 246,  
224) }
```

Background

The CSS property to change the background color of an element to YIQ 237.2130, -5.4540, -11.2940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 246, 224) }
```

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

```
.background{ background-color: rgb(225,  
246, 224) }
```

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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