

Converting Colors

YIQ(235.1170, 38.0140,
-28.1460)

Have a look what the booklet for
YIQ(235.1170, 38.0140, -28.1460)
contains.

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Color

**YIQ(235.1170, 38.0140,
-28.1460)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FEF391 |
| RGB | 254, 243, 145 |
| RGB Percent | 100%, 95%, 57% |
| CMY | 0.0040, 0.0471, 0.4311 |
| CMYK | 0.00, 0.04, 0.43, 0.00 |
| HSL | 54°, 98%, 78% |
| HSV | 54°, 43%, 100% |
| XYZ | 78.0342, 87.2135, 39.5325 |
| YIQ | 235.1170, 38.0140, -28.1460 |

Conversions

Conversions Part 2

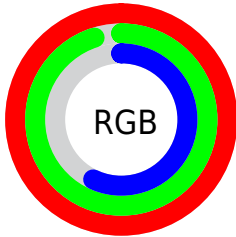
| Format | Color |
|--|---|
| RYB | 157, 254, 145 |
| Decimal | 16708497 |
| CIELab | 94.83, -9.52, 48.40 |
| CIELCh | 95, 49.333, 101.131 |
| Yxy | 87.2135, 0.3811, 0.4259 |
| Android (android.graphics.Color) | 4294898577 (0xFFFEF391) |
| YUV | 235.1170, -44.4277, 16.5604 |
| Hunter-Lab | 93.3882, -14.2765, 40.2735 |

Details

The YIQ color $235.1170, 38.0140, -28.1460$ is a light color, and the websafe version is hex $FFFF99$. A complement of this color would be $163.8830, -38.0140, 28.1460$, and the grayscale version is $236.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $248.7300, 17.6550, -17.1050$, and $178.8610, 35.8590, -27.6370$ is the 20% darker color. If you saturate the color by 10%, you get $230.5060, 46.8640, -34.3520$, and if you desaturate by 10%, it is $239.7280, 29.1640, -21.9400$.

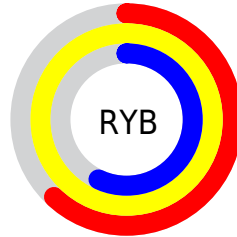
Distribution



Red (100%)

Green (95%)

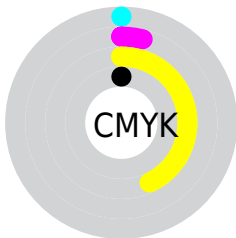
Blue (57%)



Red (62%)

Yellow (100%)

Blue (57%)

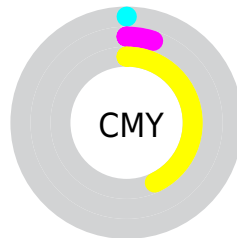


Cyan (0%)

Magenta (4%)

Yellow (43%)

Black (0%)



Cyan (0%)


Magenta (5%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 235.1170, 38.0140, -28.1460 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 235.1170, 38.0140, -28.1460 by changing the saturation by 10% instead.


 235.1170, 38.0140,
-28.1460


 235.1170, 38.0140,
-28.1460


255.0000, -0.0000,
-0.0000


 206.9320, 37.0970,
-28.0470


 248.7300, 17.6550,
-17.1050


 178.8610, 35.8590,
-27.6370

 252.0360, 8.3460,
-8.0860

 151.4910, 34.0250,
-27.4390

 125.1920, 33.4290,
-27.6510

 99.0240, 33.8420,
-29.6300

 75.6090, 27.8810,
-26.2230

 54.6330, 19.3060,

-19.4940

■ 34.2440, 10.4560,
-13.2880

■ 12.9250, -4.5830,
-10.5590

■ 235.1170, 38.0140,
-28.1460

■ 235.1170, 38.0140,
-28.1460

■ 230.5060, 46.8640,
-34.3520

■ 239.7280, 29.1640,
-21.9400

■ 226.3680, 55.7600,
-41.3920

■ 243.8660, 20.2680,
-14.9000

■ 221.7570, 64.6100,
-47.5980

■ 248.4770, 11.4180,
-8.6940

■ 217.6190, 73.5060,
-54.6380

■ 252.6150, 2.5220,
-1.6540

■ 213.0080, 82.3560,
-60.8440

254.7010, -0.5960,
-0.2120

■ 209.7820, 88.6840,
-65.3960

Harmonies

Analogous

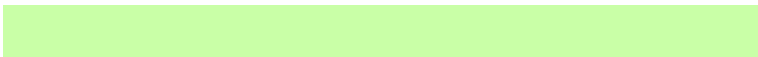
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



226.5940, 41.4050, -18.0110



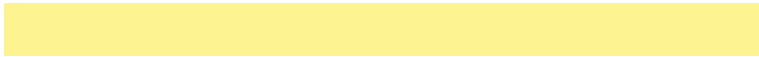
235.1170, 38.0140, -28.1460



228.8220, -3.9360, -38.8160

Triad

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



235.1170, 38.0140, -28.1460



185.3330, -138.8680, -49.3960



226.8240, 13.2000, 25.1040

Complementary

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



235.1170, 38.0140, -28.1460



163.8830, -38.0140, 28.1460

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.



235.0420, 9.3500, 17.7820



235.1170, 38.0140, -28.1460



212.2650, -82.2940, -28.4220

Square

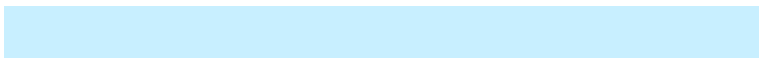
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



235.1170, 38.0140, -28.1460



199.6850, -110.2600, -39.2200



229.1630, -28.3800, -3.2920



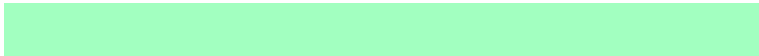
220.9420, 24.2510, 17.5550

Rectangle

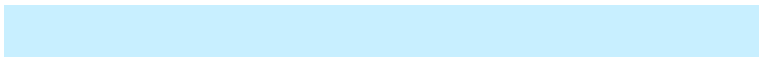
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



235.1170, 38.0140, -28.1460



220.0110, -35.2050, -39.3090



229.1630, -28.3800, -3.2920



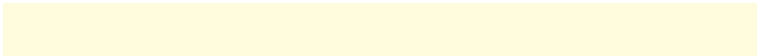
229.1720, 12.1000, 23.0120

Sweetspot

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



235.1170, 38.0140, -28.1460



249.4770, 11.4180, -8.6940



179.0730, 60.7910, 27.1510



123.8450, 7.5660, -4.9620



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

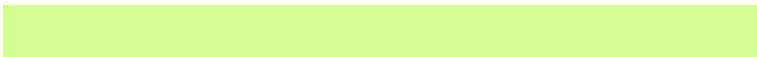
The Same Dimension uses a secret algorithm to generate beautiful new colors.



235.1170, 38.0140, -28.1460



232.5490, 45.3050, -33.6310



229.0160, 9.9570, -42.8030



125.3440, 4.7230, -2.9970



158.0730, 66.5360, -49.4640



52.5950, 22.4690, -16.2430

Inverse Universe

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



163.8830, -38.0140, 28.1460



147.4510, -45.3050, 33.6310



169.9840, -9.9570, 42.8030



117.0690, -4.4480, 3.5200



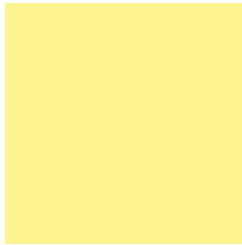
32.9270, -66.5360, 49.4640



10.8180, -22.1940, 16.7660

Previews

White Background



This preview shows how the YIQ color 235.1170, 38.0140, -28.1460 looks on a white background.

Color Contrast Check

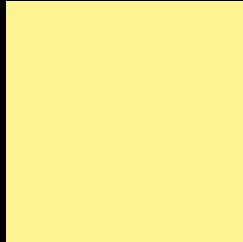
Large Text (above 18pt) WCAG AA × Fail

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 235.1170, 38.0140, -28.1460 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 235.1170, 38.0140, -28.1460

Background



This preview shows how black text looks on a background with the YIQ color 235.1170, 38.0140, -28.1460.



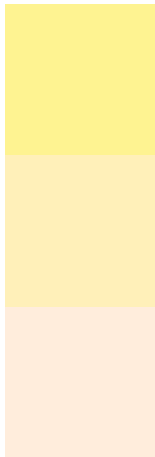
This preview shows how white text looks on a background with the YIQ color 235.1170, 38.0140, -28.1460.

-28.1460.

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

235.1170, 38.0140, -28.1460

Protanopia

238.2150, 26.5950, -13.9250

Deuteranopia

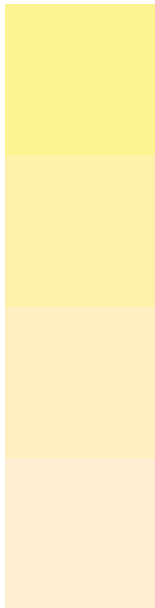
240.4440, 16.1850, -1.4710



Tritanopia

242.1200, 8.7100, 7.3500

Trichromacy



Original Color

235.1170, 38.0140, -28.1460

Protanomaly

237.0920, 31.1350, -19.1130

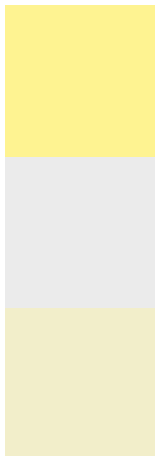
Deuteranomaly

238.5400, 24.3020, -10.9140

Tritanomaly

239.7770, 19.4410, -5.4150

Monochromacy



Original Color

235.1170, 38.0140, -28.1460

Achromatopsia

235.0000, 0.0000, -0.0000

Achromatomaly

235.0920, 13.9400, -10.3480

CSS Examples

Text

The CSS property to change the color of the text to YIQ 235.1170, 38.0140, -28.1460 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(254, 243, 145)` looks like.

```
.text, #text, p{  
    color:rgb(254, 243, 145)  
}
```

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(254, 243, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 243, 145) }
```

Border

The CSS property to change the border of an element to YIQ 235.1170, 38.0140, -28.1460 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(254, 243, 145) }
```


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

```
.border{ border-color:rgb(254, 243, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 243, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 243, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 243, 145);  
box-shadow:4px 4px 4px 4px rgb(254, 243,  
145) }
```

Background

The CSS property to change the background color of an element to YIQ 235.1170, 38.0140, -28.1460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 243, 145) }
```

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

```
.background{ background-color: rgb(254,  
243, 145) }
```

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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