

Converting Colors

YIQ(235.2410, 14.5380,
-21.1900)

Have a look what the booklet for
YIQ(235.2410, 14.5380, -21.1900)
contains.

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Color

**YIQ(235.2410, 14.5380,
-21.1900)**

Conversions

Conversions Part 1

Format	Color
Hex	ECF5B7
RGB	236, 245, 183
RGB Percent	93%, 96%, 72%
CMY	0.0746, 0.0392, 0.2822
CMYK	0.04, 0.00, 0.25, 0.04
HSL	69°, 76%, 84%
HSV	69°, 25%, 96%
XYZ	75.7905, 86.5573, 57.5271
YIQ	235.2410, 14.5380, -21.1900

Conversions

Conversions Part 2

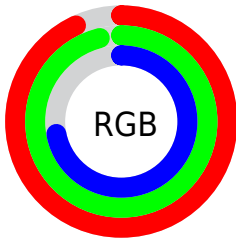
Format	Color
R _Y B	183, 245, 192
Decimal	15529399
CIE Lab	94.55, -12.85, 28.92
CIE LCh	95, 31.647, 113.963
Yxy	86.5573, 0.3447, 0.3937
Android (android.graphics.Color)	4293719479 (0xFFECEF5B7)
YUV	235.2410, -25.7548, 0.6656
Hunter-Lab	93.0362, -17.4009, 28.4645

Details

The YIQ color **235.2410, 14.5380, -21.1900** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **192.7590, -14.5380, 21.1900**, and the grayscale version is **235.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **253.1760, 5.1360, -4.9760**, and **179.5830, 13.5750, -20.2570** is the 20% darker color. If you saturate the color by 10%, you get **231.3090, 19.8580, -29.5020**, and if you desaturate by 10%, it is **239.2870, 8.8970, -12.5670**.

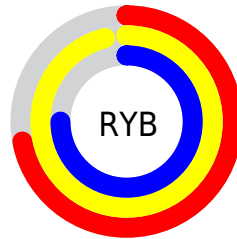
Distribution



Red (93%)

Green (96%)

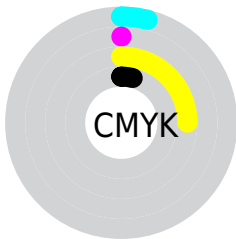
Blue (72%)



Red (72%)

Yellow (96%)

Blue (75%)

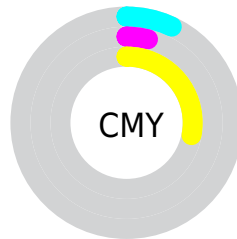


Cyan (4%)

Magenta (0%)

Yellow (25%)

Black (4%)



Cyan (7%)


Magenta (4%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 235.2410, 14.5380, -21.1900 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 235.2410, 14.5380, -21.1900 by changing the saturation by 10% instead.


 235.2410, 14.5380,
-21.1900


 235.2410, 14.5380,
-21.1900


255.0000, -0.0000,
-0.0000

 207.0560, 13.6210,
-21.0910


 253.1760, 5.1360,
-4.9760

 179.5830, 13.5750,
-20.2570

 152.3980, 12.6580,
-20.1580

 126.6260, 12.0160,
-19.5360

 100.8540, 11.3740,
-18.9140

 76.9680, 11.0530,
-18.6030

 53.6690, 10.4570,

-18.8150

■ 33.0370, 6.6050,
-15.0830

■ 12.9140, -6.0500,
-11.5060

■ 235.2410, 14.5380,
-21.1900

■ 235.2410, 14.5380,
-21.1900

■ 231.3090, 19.8580,
-29.5020

■ 239.2870, 8.8970,
-12.5670

■ 227.5620, 26.0950,
-37.9130

■ 242.9200, 2.9810,
-4.4670

■ 223.6300, 31.4150,
-46.2250

■ 246.7380, -2.0180,
3.5340

■ 219.8830, 37.6520,
-54.6360

■ 247.6350, -0.2300,
4.1700

■ 215.9510, 42.9720,
-62.9480

■ 248.8310, 2.1540,
5.0180

■ 212.2040, 49.2090,
-71.3590

■ 249.1300, 2.7500,
5.2300

■ 208.2720, 54.5290,
-79.6710

■ 206.3060, 57.1890,
-83.8270

Harmonies

Analogous

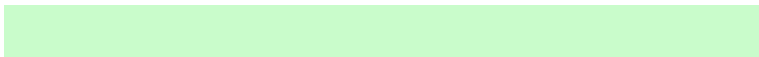
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



234.5960, 29.8960, -13.1760



235.2410, 14.5380, -21.1900



231.1650, -14.6670, -26.0510

Triad

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



235.2410, 14.5380, -21.1900



224.8340, -55.7950, -18.5710



232.3690, 12.7430, 16.8630

Complementary

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



235.2410, 14.5380, -21.1900



192.7590, -14.5380, 21.1900

Split Complementary

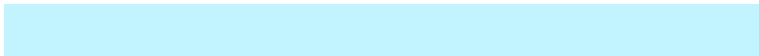
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



236.8030, 8.5250, 16.2130



235.2410, 14.5380, -21.1900



230.3040, -33.3310, -7.1790

Square

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



235.2410, 14.5380, -21.1900



223.9040, -61.9840, -22.0480



236.9920, -5.5490, 6.9550



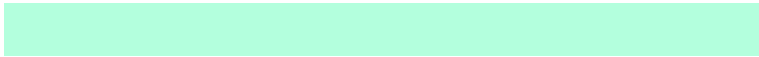
228.8350, 22.6940, 7.2220

Rectangle

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



235.2410, 14.5380, -21.1900



228.4000, -34.3820, -26.6860



236.9920, -5.5490, 6.9550



233.8680, 9.9000, 18.8280

Sweetspot

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



235.2410, 14.5380, -21.1900



251.8230, 4.6320, -6.8560



206.2340, 34.7520, 8.9600



125.9200, 2.9810, -4.4670



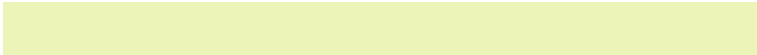
0.0000, 0.0000, 0.0000



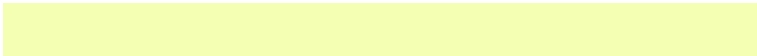
128.0000, -0.0000, -0.0000

Same Dimension

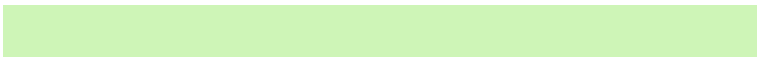
The Same Dimension uses a secret algorithm to generate beautiful new colors.



235.2410, 14.5380, -21.1900



243.0470, 17.8400, -25.9680



226.2710, -3.3420, -27.5500



120.3330, 3.2560, -3.9440



156.7230, 43.6140, -63.5700



49.5830, 13.5750, -20.2570

Inverse Universe

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



192.7590, -14.5380, 21.1900



190.9530, -17.8400, 25.9680



201.7290, 3.3420, 27.5500



111.9660, -2.6600, 4.1560



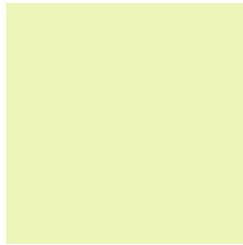
29.2770, -43.6140, 63.5700



9.4170, -13.5750, 20.2570

Previews

White Background



This preview shows how the YIQ color 235.2410, 14.5380, -21.1900 looks on a white background.

Color Contrast Check

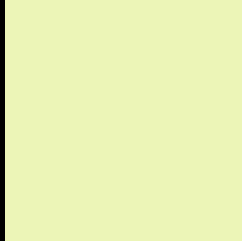
Large Text (above 18pt) WCAG AA × Fail

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 235.2410, 14.5380, -21.1900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

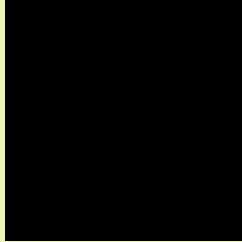
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

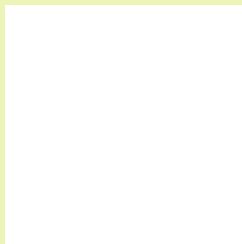
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 235.2410, 14.5380, -21.1900

Background



This preview shows how black text looks on a background with the YIQ color 235.2410, 14.5380, -21.1900.



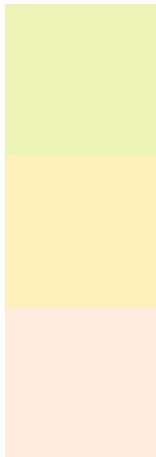
This preview shows how white text looks on a background with the YIQ color 235.2410, 14.5380,

-21.1900.

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

235.2410, 14.5380, -21.1900

Protanopia

237.5140, 27.1910, -13.7130

Deuteranopia

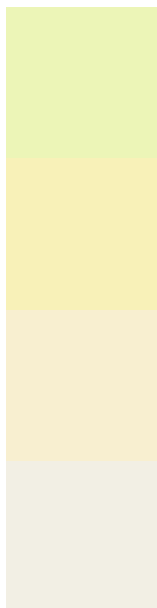
240.0850, 15.8180, -0.3260



Tritanopia

240.7430, -0.4140, 7.5060

Trichromacy



Original Color

235.2410, 14.5380, -21.1900

Protanomaly

236.5950, 22.4690, -16.2430

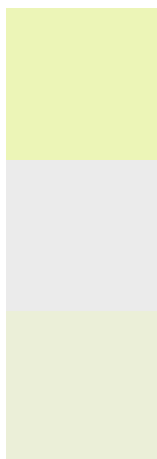
Deuteranomaly

238.1570, 15.3150, -7.7330

Tritanomaly

238.6430, 5.3190, -2.7850

Monochromacy



Original Color

235.2410, 14.5380, -21.1900

Achromatopsia

235.0000, 0.0000, -0.0000

Achromatomaly

235.1820, 4.9990, -8.0010

CSS Examples

Text

The CSS property to change the color of the text to YIQ 235.2410, 14.5380, -21.1900 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, 245, 183)` looks like.

```
.text, #text, p{  
    color:rgb(236, 245, 183)  
}
```

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, 245, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 245, 183) }
```

Border

The CSS property to change the border of an element to YIQ 235.2410, 14.5380, -21.1900 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, 245, 183) }
```


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

```
.border{ border-color:rgb(236, 245, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 245, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 245, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 245, 183);  
box-shadow:4px 4px 4px 4px rgb(236, 245,  
183) }
```

Background

The CSS property to change the background color of an element to YIQ 235.2410, 14.5380, -21.1900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 245, 183) }
```

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

```
.background{ background-color: rgb(236,  
245, 183) }
```

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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