

Converting Colors

YIQ(235.6210, 19.5800,
-13.4440)

Have a look what the booklet for
YIQ(235.6210, 19.5800, -13.4440)
contains.

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Color

**YIQ(235.6210, 19.5800,
-13.4440)**

Conversions

Conversions Part 1

Format	Color
Hex	F6EFBF
RGB	246, 239, 191
RGB Percent	96%, 94%, 75%
CMY	0.0353, 0.0627, 0.2509
CMYK	0.00, 0.03, 0.22, 0.04
HSL	52°, 75%, 86%
HSV	52°, 22%, 96%
XYZ	78.2777, 85.0863, 61.6047
YIQ	235.6210, 19.5800, -13.4440

Conversions

Conversions Part 2

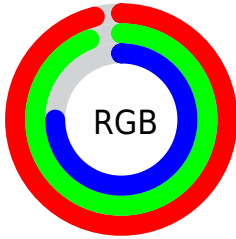
Format	Color
R _Y B	199, 246, 191
Decimal	16183231
CIE Lab	93.92, -5.12, 24.10
CIE LCh	94, 24.638, 101.997
Yxy	85.0863, 0.3479, 0.3782
Android (android.graphics.Color)	4294373311 (0xFF6EFBF)
YUV	235.6210, -21.9982, 9.1024
Hunter-Lab	92.2422, -9.9471, 24.9722

Details

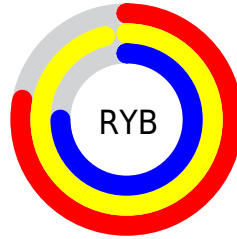
The YIQ color $235.6210, 19.5800, -13.4440$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $201.3790, -19.5800, 13.4440$, and the grayscale version is $236.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $254.2020, 2.2470, -2.1770$, and $179.5500, 18.3420, -13.0340$ is the 20% darker color. If you saturate the color by 10%, you get $231.0100, 28.4300, -19.6500$, and if you desaturate by 10%, it is $240.2320, 10.7300, -7.2380$.

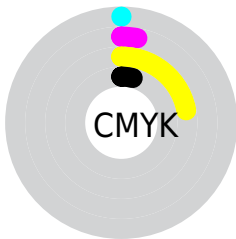
Distribution



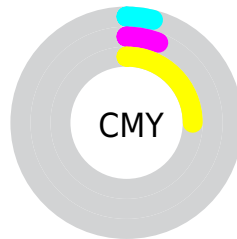
- Red (96%)
- Green (94%)
- Blue (75%)



- Red (78%)
- Yellow (96%)
- Blue (75%)



- Cyan (0%)
- Magenta (3%)
- Yellow (22%)
- Black (4%)





- Cyan (4%)
- Magenta (6%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 235.6210, 19.5800, -13.4440 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 235.6210, 19.5800, -13.4440 by changing the saturation by 10% instead.

 235.6210, 19.5800,
-13.4440


 235.6210, 19.5800,
-13.4440


255.0000, -0.0000,
-0.0000


 207.4360, 18.6630,
-13.3450


 254.2020, 2.2470,
-2.1770

 179.5500, 18.3420,
-13.0340

 152.7780, 17.7000,
-12.4120

 126.5930, 16.7830,
-12.3130

 101.4080, 15.8660,
-12.2140

 77.3370, 14.6280,
-11.8040

 54.4510, 14.3070,

-11.4930

■ 33.3800, 13.0690,
-11.0830

■ 12.0830, 0.9640,
-6.4600

■ 235.6210, 19.5800,
-13.4440

■ 235.6210, 19.5800,
-13.4440

■ 231.0100, 28.4300,
-19.6500

■ 240.2320, 10.7300,
-7.2380

■ 226.5130, 36.9590,
-25.5450

■ 244.7290, 2.2010,
-1.3430

■ 221.9020, 45.8090,
-31.7510

■ 248.2000, -3.4390,
1.7530

■ 216.8180, 54.6130,
-37.1230

■ 250.5480, -4.5390,
-0.3390

■ 212.2070, 63.4630,
-43.3290

■ 252.3090, -5.3640,
-1.9080

■ 207.5960, 72.3130,
-49.5350

■ 203.0990, 80.8420,
-55.4300

■ 199.7590, 87.4910,
-60.2930

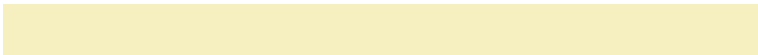
Harmonies

Analogous

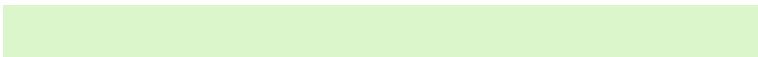
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



233.8440, 26.5020, -6.7300



235.6210, 19.5800, -13.4440



232.9110, -1.9680, -19.4080

Triad

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



235.6210, 19.5800, -13.4440



227.5580, -46.0300, -13.8220



235.4010, 9.7170, 16.6370

Complementary

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



235.6210, 19.5800, -13.4440



201.3790, -19.5800, 13.4440

Split Complementary

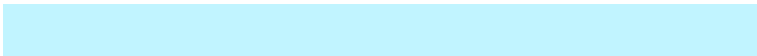
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



238.8520, 6.8290, 13.9090



235.6210, 19.5800, -13.4440



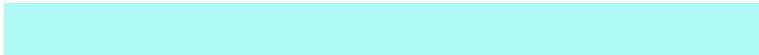
230.0050, -33.9270, -7.3910

Square

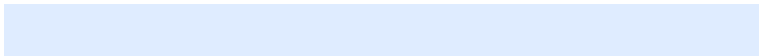
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



235.6210, 19.5800, -13.4440



228.0050, -43.0950, -17.4550



234.2790, -13.8470, 3.1530



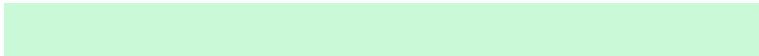
232.0780, 17.6960, 9.6960

Rectangle

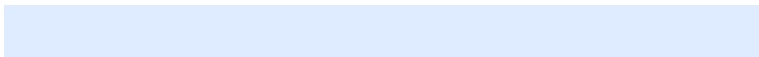
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



235.6210, 19.5800, -13.4440



230.7720, -17.6940, -20.7500



234.2790, -13.8470, 3.1530



236.8030, 8.5250, 16.2130

Sweetspot

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



235.6210, 19.5800, -13.4440



251.7740, 6.3280, -4.5520



208.2430, 30.5330, 13.8370



125.5720, 4.0810, -2.3750



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.



235.6210, 19.5800, -13.4440



241.8510, 24.6240, -16.7520



233.7500, 5.7350, -21.3450



120.0450, 4.1270, -3.2090



150.7080, 66.3060, -45.2940



47.5780, 21.1390, -14.1650

Inverse Universe

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



201.3790, -19.5800, 13.4440



199.1490, -24.6240, 16.7520



203.2500, -5.7350, 21.3450



112.5420, -4.4020, 2.6860



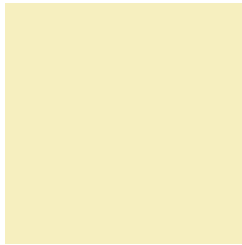
35.2920, -66.3060, 45.2940



10.8350, -20.8640, 14.6880

Previews

White Background



This preview shows how the YIQ color 235.6210, 19.5800, -13.4440 looks on a white background.

Color Contrast Check

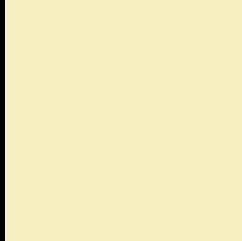
Large Text (above 18pt) WCAG AA × Fail

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 235.6210, 19.5800, -13.4440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

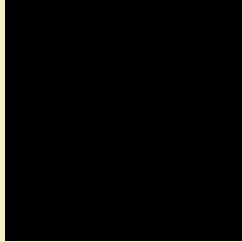
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

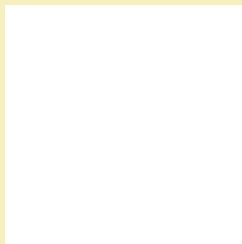
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 235.6210, 19.5800, -13.4440

Background



This preview shows how black text looks on a background with the YIQ color 235.6210, 19.5800, -13.4440.



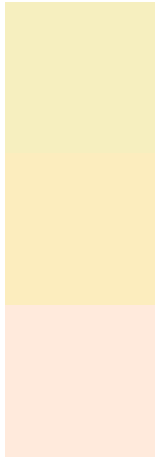
This preview shows how white text looks on a background with the YIQ color 235.6210, 19.5800, -13.4440.

-13.4440.

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

235.6210, 19.5800, -13.4440

Protanopia

236.1270, 24.0270, -11.4370

Deuteranopia

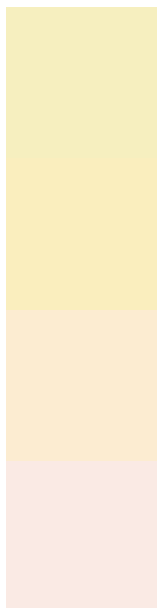
238.6830, 17.0100, 0.0980



Tritanopia

239.6300, 7.3340, 10.2620

Trichromacy



Original Color

235.6210, 19.5800, -13.4440

Protanomaly

236.1160, 22.5600, -12.3840

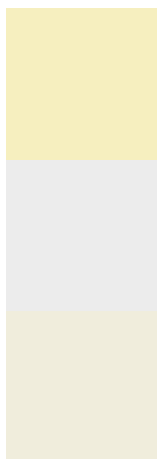
Deuteranomaly

237.7060, 18.2030, -5.0050

Tritanomaly

238.1000, 11.4620, 1.5260

Monochromacy



Original Color

235.6210, 19.5800, -13.4440

Achromatopsia

236.0000, 0.0000, -0.0000

Achromatomaly

235.9590, 7.2450, -4.6510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 235.6210, 19.5800, -13.4440 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(246, 239, 191)` looks like.

```
.text, #text, p{  
    color:rgb(246, 239, 191)  
}
```

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(246, 239, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 239, 191) }
```

Border

The CSS property to change the border of an element to YIQ 235.6210, 19.5800, -13.4440 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(246, 239, 191) }
```


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

```
.border{ border-color:rgb(246, 239, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 239, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 239, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 239, 191);  
box-shadow:4px 4px 4px 4px rgb(246, 239,  
191) }
```

Background

The CSS property to change the background color of an element to YIQ 235.6210, 19.5800, -13.4440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 239, 191) }
```

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

```
.background{ background-color: rgb(246,  
239, 191) }
```

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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