

Converting Colors

YIQ(235.8780, 11.9670, -2.1210)

Have a look what the booklet for
YIQ(235.8780, 11.9670, -2.1210)
contains.

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Color

**YIQ(235.8780, 11.9670,
-2.1210)**

Conversions

Conversions Part 1

Format	Color
Hex	F6EADB
RGB	246, 234, 219
RGB Percent	96%, 92%, 86%
CMY	0.0353, 0.0823, 0.1411
CMYK	0.00, 0.05, 0.11, 0.04
HSL	33°, 60%, 91%
HSV	33°, 11%, 96%
XYZ	80.2173, 83.5517, 78.9274
YIQ	235.8780, 11.9670, -2.1210

Conversions

Conversions Part 2

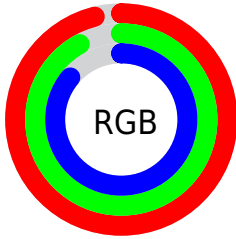
Format	Color
R _Y B	241, 246, 219
Decimal	16181979
CIE Lab	93.26, 1.58, 8.71
CIE LCh	93, 8.854, 79.696
Yxy	83.5517, 0.3305, 0.3443
Android (android.graphics.Color)	4294372059 (0xFFFF6EADB)
YUV	235.8780, -8.3209, 8.8770
Hunter-Lab	91.4066, -3.3123, 12.7892

Details

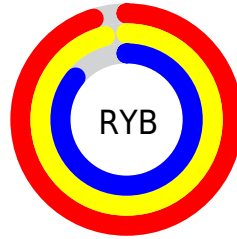
The YIQ color $235.8780, 11.9670, -2.1210$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $229.1220, -11.9670, 2.1210$, and the grayscale version is $236.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $179.9920, 11.6460, -1.8100$ is the 20% darker color. If you saturate the color by 10%, you get $226.5710, 23.0170, -4.1430$, and if you desaturate by 10%, it is $245.1850, 0.9170, -0.0990$.

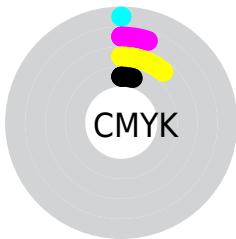
Distribution



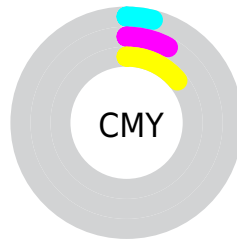
- Red (96%)
- Green (92%)
- Blue (86%)



- Red (95%)
- Yellow (96%)
- Blue (86%)



- Cyan (0%)
- Magenta (5%)
- Yellow (11%)
- Black (4%)



- Cyan (4%)
- Magenta (8%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 235.8780, 11.9670, -2.1210 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 235.8780, 11.9670, -2.1210 by changing the saturation by 10% instead.

235.8780, 11.9670,
-2.1210

235.8780, 11.9670,
-2.1210

255.0000, -0.0000,
-0.0000

207.5790, 11.3710,
-2.3330

179.9920, 11.6460,
-1.8100

153.3940, 10.4540,
-2.2340

127.3940, 10.4540,
-2.2340

102.5080, 10.1330,
-1.9230

78.3230, 9.2160,
-1.8240

55.4370, 8.8950,

-1.5130

■ 34.1380, 8.2990,
-1.7250

■ 11.8500, 9.1700,
-0.9900

■ 235.8780, 11.9670,
-2.1210

■ 235.8780, 11.9670,
-2.1210

■ 226.5710, 23.0170,
-4.1430

■ 245.1850, 0.9170,
-0.0990

■ 217.3780, 33.7460,
-5.8540

■ 252.3090, -5.3640,
-1.9080

■ 208.0710, 44.7960,
-7.8760

■ 198.8780, 55.5250,
-9.5870

■ 189.5710, 66.5750,
-11.6090

■ 180.2640, 77.6250,
-13.6310

■ 171.0710, 88.3540,
-15.3420

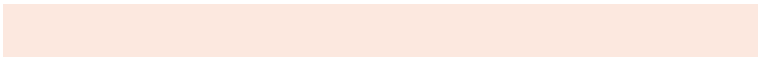
■ 161.7640, 99.4040,
-17.3640

■ 153.9730,
108.9410, -19.4990

Harmonies

Analogous

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



236.9540, 14.8090, 1.4410



235.8780, 11.9670, -2.1210



235.0620, 5.4570, -5.2870

Triad

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



235.8780, 11.9670, -2.1210



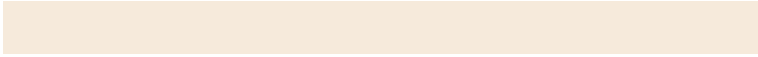
233.2260, -15.4960, -5.5120



237.2980, 2.3370, 7.2090

Complementary

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



235.8780, 11.9670, -2.1210



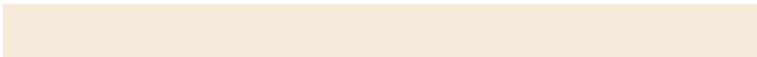
229.1220, -11.9670, 2.1210

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.



236.0520, -5.7780, 5.5980



235.8780, 11.9670, -2.1210



234.0350, -16.2760, -2.3880

Square

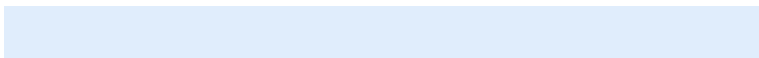
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



235.8780, 11.9670, -2.1210



233.3960, -10.2230, -7.4630



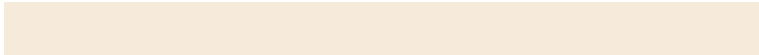
234.8230, -12.5630, 1.9090



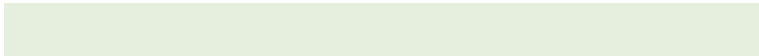
237.6040, 10.2230, 7.4630

Rectangle

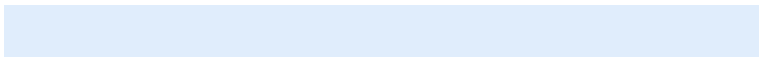
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



235.8780, 11.9670, -2.1210



233.7840, 0.3680, -6.6720



234.8230, -12.5630, 1.9090



237.2160, -0.3680, 6.6720

Sweetspot

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



235.8780, 11.9670, -2.1210



252.3270, 3.3930, -0.9190



228.4410, 12.2400, 9.4560



125.5550, 2.7510, -0.2970



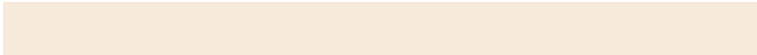
0.0000, 0.0000, 0.0000



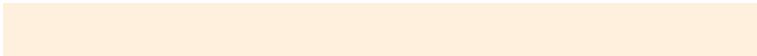
128.0000, -0.0000, -0.0000

Same Dimension

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



235.8780, 11.9670, -2.1210



242.4330, 14.7180, -2.4180



242.6230, 8.0710, -8.6090



117.6970, 5.2270, -1.1170



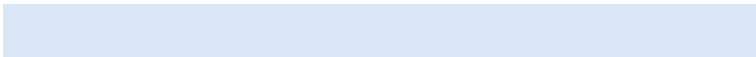
116.0750, 82.5310, -14.4370



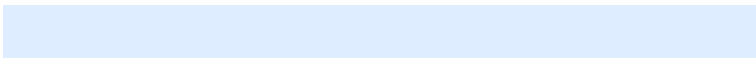
37.0120, 26.0890, -4.7510

Inverse Universe

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



229.1220, -11.9670, 2.1210



234.5670, -14.7180, 2.4180



222.3770, -8.0710, 8.6090



114.8900, -5.5020, 0.5940



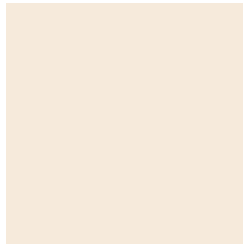
69.9250, -82.5310, 14.4370



21.9880, -26.0890, 4.7510

Previews

White Background



This preview shows how the YIQ color 235.8780, 11.9670, -2.1210 looks on a white background.

Color Contrast Check

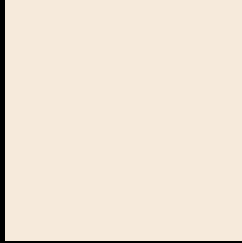
Large Text (above 18pt) WCAG AA × Fail

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 235.8780, 11.9670, -2.1210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

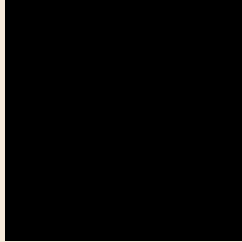
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 235.8780, 11.9670, -2.1210

Background



This preview shows how black text looks on a background with the YIQ color 235.8780, 11.9670, -2.1210.



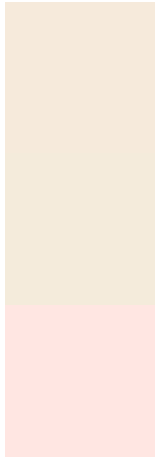
This preview shows how white text looks on a background with the YIQ color 235.8780, 11.9670,

-2.1210.

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

235.8780, 11.9670, -2.1210

Protanopia

235.8670, 10.5000, -3.0680

Deuteranopia

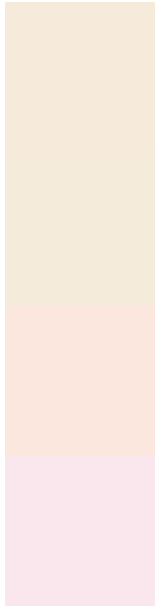
237.0190, 16.1840, 4.0560



Tritanopia

238.0320, 6.1420, 9.8380

Trichromacy



Original Color

235.8780, 11.9670, -2.1210

Protanomaly

236.1660, 11.0960, -2.8560

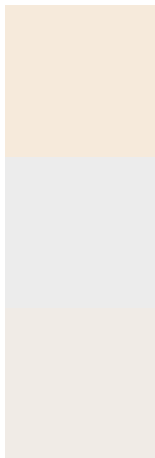
Deuteranomaly

236.3670, 15.0840, 1.9640

Tritanomaly

237.0660, 8.8020, 5.6820

Monochromacy



Original Color

235.8780, 11.9670, -2.1210

Achromatopsia

236.0000, 0.0000, -0.0000

Achromatomaly

235.9250, 4.5850, -0.4950

CSS Examples

Text

The CSS property to change the color of the text to YIQ 235.8780, 11.9670, -2.1210 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, 234, 219)` looks like.

```
.text, #text, p{  
    color:rgb(246, 234, 219)  
}
```

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, 234, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 234, 219) }
```

Border

The CSS property to change the border of an element to YIQ 235.8780, 11.9670, -2.1210 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, 234, 219) }
```


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

```
.border{ border-color:rgb(246, 234, 219) }
```

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

Here you see how a box with a 4 pixel rgb(246, 234, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 234, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 234, 219);  
box-shadow:4px 4px 4px 4px rgb(246, 234,  
219) }
```

Background

The CSS property to change the background color of an element to YIQ 235.8780, 11.9670, -2.1210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 234, 219) }
```

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

```
.background{ background-color: rgb(246,  
234, 219) }
```

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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