

Converting Colors

YIQ(234.9350, 15.8200,
-11.3800)

Have a look what the booklet for
YIQ(234.9350, 15.8200, -11.3800)
contains.

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Color

**YIQ(234.9350, 15.8200,
-11.3800)**

Conversions

Conversions Part 1

Format	Color
Hex	F3EEC6
RGB	243, 238, 198
RGB Percent	95%, 93%, 78%
CMY	0.0471, 0.0667, 0.2234
CMYK	0.00, 0.02, 0.19, 0.05
HSL	53°, 65%, 86%
HSV	53°, 19%, 95%
XYZ	77.7307, 84.2802, 65.6114
YIQ	234.9350, 15.8200, -11.3800

Conversions

Conversions Part 2

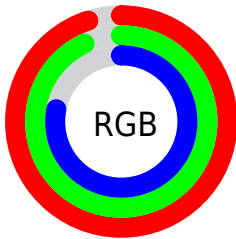
Format	Color
RYB	204, 243, 198
Decimal	15986374
CIELab	93.57, -4.71, 19.99
CIElCh	94, 20.537, 103.272
Yxy	84.2802, 0.3415, 0.3703
Android (android.graphics.Color)	4294176454 (0xFFFF3EEC6)
YUV	234.9350, -18.2090, 7.0730
Hunter-Lab	91.8042, -9.5214, 21.8891

Details

The YIQ color $234.9350, 15.8200, -11.3800$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $206.0650, -15.8200, 11.3800$, and the grayscale version is $235.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $179.1630, 15.1780, -10.7580$ is the 20% darker color. If you saturate the color by 10%, you get $230.4380, 24.3490, -17.2750$, and if you desaturate by 10%, it is $239.4320, 7.2910, -5.4850$.

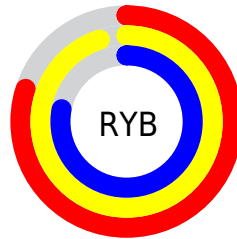
Distribution



Red (95%)

Green (93%)

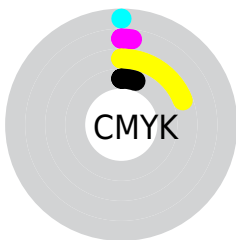
Blue (78%)



Red (80%)

Yellow (95%)

Blue (78%)

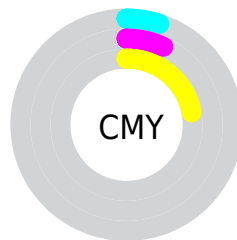


Cyan (0%)

Magenta (2%)

Yellow (19%)

Black (5%)



Cyan (5%)

Magenta (7%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 234.9350, 15.8200, -11.3800 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 234.9350, 15.8200, -11.3800 by changing the saturation by 10% instead.

■ 234.9350, 15.8200,
-11.3800

■ 234.9350, 15.8200,
-11.3800

255.0000, -0.0000,
-0.0000

■ 206.7500, 14.9030,
-11.2810

■ 179.1630, 15.1780,
-10.7580

■ 151.9780, 14.2610,
-10.6590

■ 126.0920, 13.9400,
-10.3480

■ 101.0210, 12.7020,
-9.9380

■ 77.1350, 12.3810,
-9.6270

■ 53.9500, 11.4640,

-9.5280

■ 32.1950, 12.1520,
-10.9840

■ 11.1970, 0.6430,
-6.1490

■ 234.9350, 15.8200,
-11.3800

■ 234.9350, 15.8200,
-11.3800

■ 230.4380, 24.3490,
-17.2750

■ 239.4320, 7.2910,
-5.4850

■ 226.4140, 32.9240,
-24.0040

■ 243.4560, -1.2840,
1.2440

■ 221.9170, 41.4530,
-29.8990

■ 246.1290, -4.6770,
2.1630

■ 217.4200, 49.9820,
-35.7940

■ 247.8900, -5.5020,
0.5940

■ 213.5100, 58.2360,
-42.2120

■ 249.0640, -6.0520,
-0.4520

■ 208.8990, 67.0860,
-48.4180

■ 250.8250, -6.8770,
-2.0210

■ 204.4020, 75.6150,
-54.3130

■ 251.4120, -7.1520,
-2.5440

■ 199.9050, 84.1440,
-60.2080

■ 199.4490, 85.4280,
-61.4520

Harmonies

Analogous

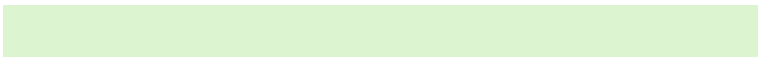
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



234.5280, 24.5760, -4.8640



234.9350, 15.8200, -11.3800



232.6060, -2.4270, -16.5950

Triad

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



234.9350, 15.8200, -11.3800



229.0860, -38.6490, -9.9210



236.0050, 10.7720, 14.0360

Complementary

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



234.9350, 15.8200, -11.3800



206.0650, -15.8200, 11.3800

Split Complementary

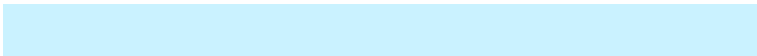
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



238.5420, 4.7660, 12.7500



234.9350, 15.8200, -11.3800



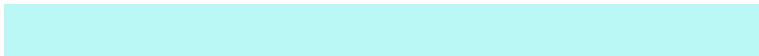
231.5220, -28.0130, -4.4370

Square

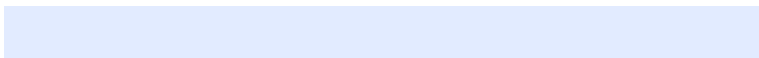
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



234.9350, 15.8200, -11.3800



229.1200, -35.9890, -14.0770



234.5890, -11.7840, 4.3120



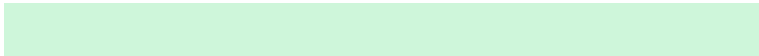
233.1380, 17.4670, 8.3390

Rectangle

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



234.9350, 15.8200, -11.3800



230.8480, -14.8520, -17.1880



234.5890, -11.7840, 4.3120



237.3900, 8.2500, 15.6900

Sweetspot

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



234.9350, 15.8200, -11.3800



252.1160, 5.3650, -3.6190



212.0250, 25.2150, 11.0950



126.3870, 3.1640, -2.2760



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.



234.9350, 15.8200, -11.3800



245.0940, 19.6260, -14.2780



232.7870, 4.3130, -17.5990



120.0450, 4.1270, -3.2090



152.4690, 65.4810, -46.8630



48.1650, 20.8640, -14.6880

Inverse Universe

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



206.0650, -15.8200, 11.3800



208.9060, -19.6260, 14.2780



208.2130, -4.3130, 17.5990



112.5420, -4.4020, 2.6860



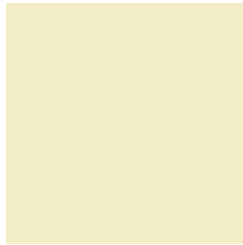
33.5310, -65.4810, 46.8630



10.8350, -20.8640, 14.6880

Previews

White Background



This preview shows how the YIQ color 234.9350, 15.8200, -11.3800 looks on a white background.

Color Contrast Check

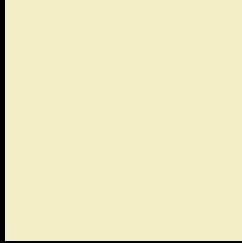
Large Text (above 18pt) WCAG AA × Fail

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 234.9350, 15.8200, -11.3800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

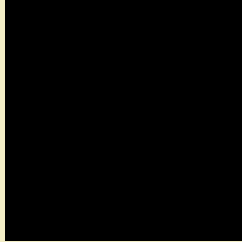
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

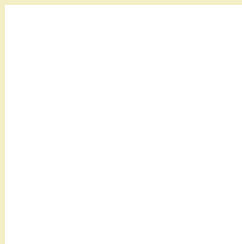
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 234.9350, 15.8200, -11.3800

Background



This preview shows how black text looks on a background with the YIQ color 234.9350, 15.8200, -11.3800.



This preview shows how white text looks on a background with the YIQ color 234.9350, 15.8200, -11.3800.

-11.3800.

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

234.9350, 15.8200, -11.3800

Protanopia

235.7400, 20.8630, -9.1610

Deuteranopia

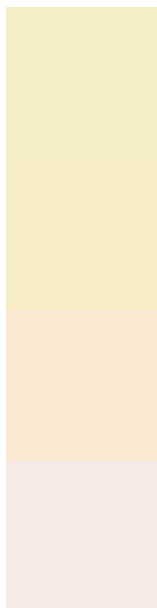
237.3950, 17.8810, 0.8330



Tritanopia

238.7330, 5.5460, 9.6260

Trichromacy



Original Color

234.9350, 15.8200, -11.3800

Protanomaly

235.4300, 18.8000, -10.3200

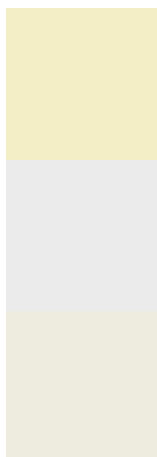
Deuteranomaly

236.4610, 17.5150, -3.5490

Tritanomaly

237.4310, 9.0320, 1.5120

Monochromacy



Original Color

234.9350, 15.8200, -11.3800

Achromatopsia

235.0000, 0.0000, -0.0000

Achromatomaly

235.0020, 5.6860, -3.9300

CSS Examples

Text

The CSS property to change the color of the text to YIQ 234.9350, 15.8200, -11.3800 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(243, 238, 198)` looks like.

```
.text, #text, p{  
    color:rgb(243, 238, 198)  
}
```

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(243, 238, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 238, 198) }
```

Border

The CSS property to change the border of an element to YIQ 234.9350, 15.8200, -11.3800 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(243, 238, 198) }
```


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

```
.border{ border-color:rgb(243, 238, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 238, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 238, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 238, 198);  
box-shadow:4px 4px 4px 4px rgb(243, 238,  
198) }
```

Background

The CSS property to change the background color of an element to YIQ 234.9350, 15.8200, -11.3800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 238, 198) }
```

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

```
.background{ background-color: rgb(243,  
238, 198) }
```

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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