

Converting Colors

YIQ(232.5870, 15.7790,
-38.1810)

Have a look what the booklet for
YIQ(232.5870, 15.7790, -38.1810)
contains.

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Color

**YIQ(232.5870, 15.7790,
-38.1810)**

Conversions

Conversions Part 1

Format	Color
Hex	E0FD96
RGB	224, 253, 150
RGB Percent	88%, 99%, 59%
CMY	0.1217, 0.0078, 0.4116
CMYK	0.11, 0.00, 0.41, 0.01
HSL	77°, 96%, 79%
HSV	77°, 41%, 99%
XYZ	71.3669, 88.3031, 42.1523
YIQ	232.5870, 15.7790, -38.1810

Conversions

Conversions Part 2

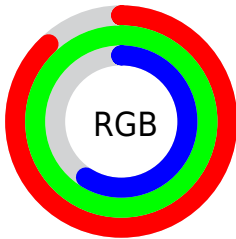
Format	Color
RYB	150, 253, 179
Decimal	14744982
CIELab	95.29, -25.24, 46.11
CIElCh	95, 52.567, 118.692
Yxy	88.3031, 0.3536, 0.4375
Android (android.graphics.Color)	4292935062 (0xFFE0FD96)
YUV	232.5870, -40.7154, -7.5308
Hunter-Lab	93.9697, -28.8822, 39.1829

Details

The YIQ color $232.5870, 15.7790, -38.1810$ is a light color, and the websafe version is hex $CCFF99$. A complement of this color would be $170.4130, -15.7790, 38.1810$, and the grayscale version is $233.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $249.3000, 16.0500, -15.5500$, and $176.0430, 14.4950, -36.9370$ is the 20% darker color. If you saturate the color by 10%, you get $227.6440, 19.6320, -47.4400$, and if you desaturate by 10%, it is $237.5300, 11.9260, -28.9220$.

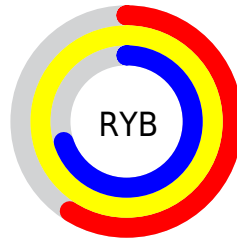
Distribution



Red (88%)

Green (99%)

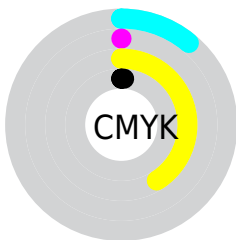
Blue (59%)



Red (59%)

Yellow (99%)

Blue (70%)

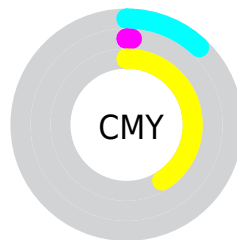


Cyan (11%)

Magenta (0%)

Yellow (41%)

Black (1%)



Cyan (12%)

Magenta (1%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 232.5870, 15.7790, -38.1810 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 232.5870, 15.7790, -38.1810 by changing the saturation by 10% instead.

232.5870, 15.7790,
-38.1810

232.5870, 15.7790,
-38.1810

255.0000, -0.0000,
-0.0000

203.8150, 15.1370,
-37.5590

249.3000, 16.0500,
-15.5500

176.0430, 14.4950,
-36.9370

252.6060, 6.7410,
-6.5310

149.2710, 13.8530,
-36.3150

122.9720, 13.2570,
-36.5270

96.7440, 13.8990,
-37.1490

72.2430, 11.0560,
-35.1840

50.9790, 3.3520,

-27.7200

■ 29.3940, -7.8820,
-22.3620

■ 15.8490, -7.4250,
-14.1210

■ 232.5870, 15.7790,
-38.1810

■ 232.5870, 15.7790,
-38.1810

■ 227.6440, 19.6320,
-47.4400

■ 237.5300, 11.9260,
-28.9220

■ 222.5870, 23.8060,
-57.0100

■ 242.5870, 7.7520,
-19.3520

■ 217.6440, 27.6590,
-66.2690

■ 247.5300, 3.8990,
-10.0930

■ 212.4020, 30.9160,
-75.7400

■ 252.7720, 0.6420,
-0.6220

■ 207.4590, 34.7690,
-84.9990

253.8260, 0.5500,
1.0460

■ 202.9290, 38.8970,
-93.7350

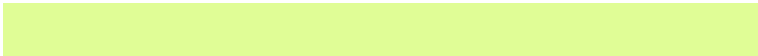
Harmonies

Analogous

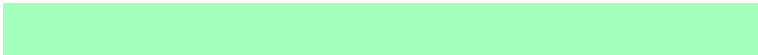
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



231.6830, 42.2320, -27.4960



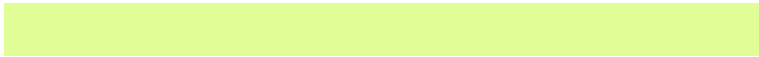
232.5870, 15.7790, -38.1810



219.7400, -33.0040, -40.6520

Triad

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



232.5870, 15.7790, -38.1810



191.3130, -126.9480, -45.1560



222.2760, 17.7390, 25.4430

Complementary

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



232.5870, 15.7790, -38.1810



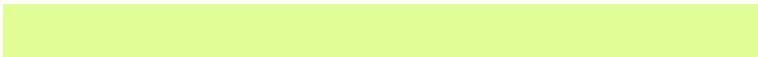
170.4130, -15.7790, 38.1810

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.



229.1720, 12.1000, 23.0120



232.5870, 15.7790, -38.1810



221.8990, -54.4200, -15.9560

Square

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



232.5870, 15.7790, -38.1810



178.7550, -151.9800, -54.0600



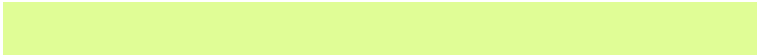
236.1500, -0.0020, 11.0540



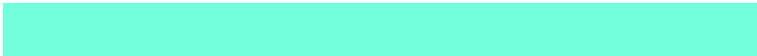
218.8100, 33.0100, 7.4900

Rectangle

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



232.5870, 15.7790, -38.1810



209.1500, -72.2050, -40.5650



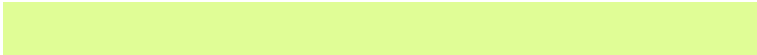
236.1500, -0.0020, 11.0540



224.4760, 14.3000, 27.1960

Sweetspot

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



232.5870, 15.7790, -38.1810



248.7750, 4.5870, -11.5490



197.2330, 53.6880, 7.1920



124.1540, 2.2020, -6.8700



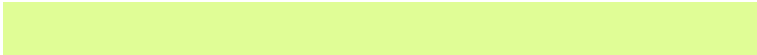
0.0000, 0.0000, 0.0000



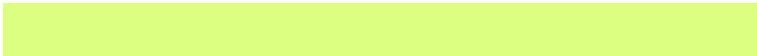
128.0000, -0.0000, -0.0000

Same Dimension

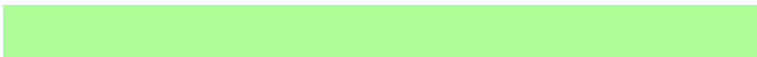
The Same Dimension uses a secret algorithm to generate beautiful new colors.



232.5870, 15.7790, -38.1810



230.2850, 19.2650, -46.2950



217.6370, -14.0210, -48.7810



125.3220, 1.7890, -4.8910



153.0800, 29.1270, -70.8490



51.3220, 9.8160, -23.7200

Inverse Universe

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



170.4130, -15.7790, 38.1810



154.7150, -19.2650, 46.2950



185.3630, 14.0210, 48.7810



117.3790, -2.3850, 4.6790



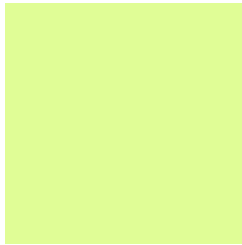
37.9200, -29.1270, 70.8490



12.6780, -9.8160, 23.7200

Previews

White Background



This preview shows how the YIQ color 232.5870, 15.7790, -38.1810 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 232.5870, 15.7790, -38.1810 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 232.5870, 15.7790, -38.1810

Background



This preview shows how black text looks on a background with the YIQ color 232.5870, 15.7790, -38.1810.



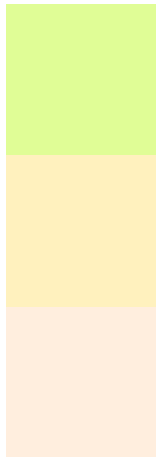
This preview shows how white text looks on a background with the YIQ color 232.5870, 15.7790, -38.1810.

-38.1810.

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

232.5870, 15.7790, -38.1810

Protanopia

239.3720, 24.7150, -12.8930

Deuteranopia

241.2590, 15.2680, -1.3720



Tritanopia

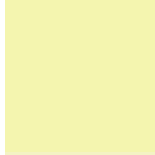
241.4110, -5.4110, 4.4530

Trichromacy



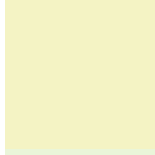
Original Color

232.5870, 15.7790, -38.1810



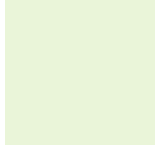
Protanomaly

236.7210, 21.8740, -21.9820



Deuteranomaly

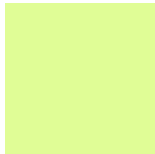
237.9410, 15.6830, -14.4050



Tritanomaly

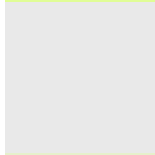
238.5190, 2.4320, -11.0400

Monochromacy



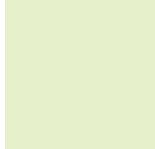
Original Color

232.5870, 15.7790, -38.1810



Achromatopsia

233.0000, -0.0000, -0.0000



Achromatomaly

232.7920, 5.9170, -13.6270

CSS Examples

Text

The CSS property to change the color of the text to YIQ 232.5870, 15.7790, -38.1810 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(224, 253, 150)` looks like.

```
.text, #text, p{  
    color:rgb(224, 253, 150)  
}
```

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(224, 253, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 253, 150) }
```

Border

The CSS property to change the border of an element to YIQ 232.5870, 15.7790, -38.1810 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(224, 253, 150) }
```


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

```
.border{ border-color:rgb(224, 253, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 253, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 253, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 253, 150);  
box-shadow:4px 4px 4px 4px rgb(224, 253,  
150) }
```

Background

The CSS property to change the background color of an element to YIQ 232.5870, 15.7790, -38.1810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 253, 150) }
```

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

```
.background{ background-color: rgb(224,  
253, 150) }
```

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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