

Converting Colors

YIQ(247.9470, -1.6490, -8.6650)

Have a look what the booklet for
YIQ(247.9470, -1.6490, -8.6650)
contains.

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Color

**YIQ(247.9470, -1.6490,
-8.6650)**

Conversions

Conversions Part 1

Format	Color
Hex	F1FEEB
RGB	241, 254, 235
RGB Percent	95%, 100%, 92%
CMY	0.0549, 0.0039, 0.0784
CMYK	0.05, 0.00, 0.07, 0.00
HSL	101°, 91%, 96%
HSV	101°, 7%, 100%
XYZ	86.7111, 95.5842, 92.4783
YIQ	247.9470, -1.6490, -8.6650

Conversions

Conversions Part 2

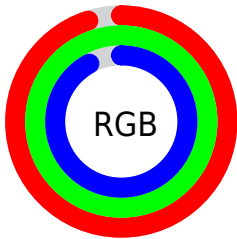
Format	Color
R_{YB}	235, 254, 248
Decimal	15859435
CIE Lab	98.27, -7.60, 7.61
CIE LCh	98, 10.750, 134.956
Yxy	95.5842, 0.3156, 0.3479
Android (android.graphics.Color)	4294049515 (0xFFFF1FEEB)
YUV	247.9470, -6.3829, -6.0925
Hunter-Lab	97.7672, -12.7783, 12.3544

Details

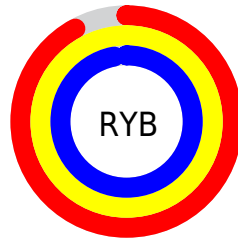
The YIQ color $247.9470, -1.6490, -8.6650$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $241.0530, 1.6490, 8.6650$, and the grayscale version is $248.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $191.3600, -1.3740, -8.1420$ is the 20% darker color. If you saturate the color by 10%, you get $240.0140, -3.7560, -20.0440$, and if you desaturate by 10%, it is $254.4130, 0.2750, 0.5230$.

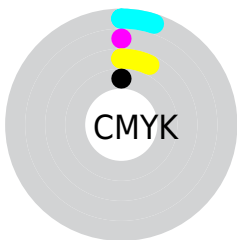
Distribution



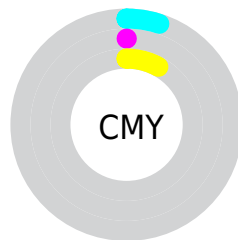
- Red (95%)
- Green (100%)
- Blue (92%)



- Red (92%)
- Yellow (100%)
- Blue (97%)



- Cyan (5%)
- Magenta (0%)
- Yellow (7%)
- Black (0%)



- Cyan (5%)
- Magenta (0%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 247.9470, -1.6490, -8.6650 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 247.9470, -1.6490, -8.6650 by changing the saturation by 10% instead.


 247.9470, -1.6490,
-8.6650


 247.9470, -1.6490,
-8.6650

255.0000, -0.0000,
-0.0000


 219.3600, -1.3740,
-8.1420

 191.3600, -1.3740,
-8.1420

 164.4740, -1.6950,
-7.8310

 138.4740, -1.6950,
-7.8310

 112.8870, -1.4200,
-7.3080

 88.0010, -1.7410,
-6.9970

 65.0010, -1.7410,

-6.9970

■ 42.4140, -1.4660,
-6.4740

■ 22.1860, -0.8240,
-7.0960

■ 247.9470, -1.6490,
-8.6650

■ 247.9470, -1.6490,
-8.6650

■ 240.0140, -3.7560,
-20.0440

254.4130, 0.2750,
0.5230

■ 231.6680, -6.1380,
-31.9460

■ 223.7350, -8.2450,
-43.3250

■ 215.3890,
-10.6270, -55.2270

■ 207.4560,
-12.7340, -66.6060

■ 199.5230,
-14.8410, -77.9850

■ 191.1770,
-17.2230, -89.8870

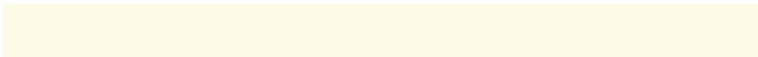
■ 183.2440,
-19.3300, -101.2660

■ 174.8980,
-21.7120, -113.1680

Harmonies

Analogous

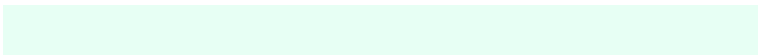
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



249.2040, 7.9330, -6.1070



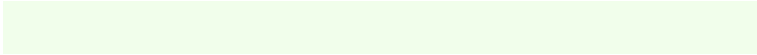
247.9470, -1.6490, -8.6650



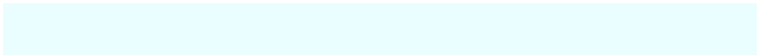
246.5700, -10.7730, -8.5090

Triad

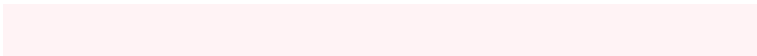
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



247.9470, -1.6490, -8.6650



247.5470, -11.9660, -3.4060



246.8160, 6.5100, 3.1660

Complementary

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



247.9470, -1.6490, -8.6650



241.0530, 1.6490, 8.6650

Split Complementary

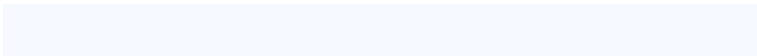
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



248.5430, 3.0250, 5.7530



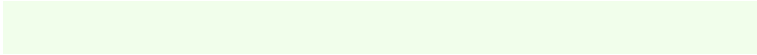
247.9470, -1.6490, -8.6650



248.7870, -3.7140, 1.2300

Square

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



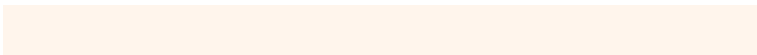
247.9470, -1.6490, -8.6650



246.3290, -17.2840, -6.1480



249.7170, 2.4750, 4.7070



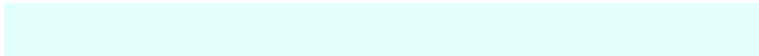
246.9640, 8.8490, -0.6790

Rectangle

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



247.9470, -1.6490, -8.6650



245.8730, -16.0000, -7.3920



249.7170, 2.4750, 4.7070



247.2720, 5.2260, 4.4100

Sweetspot

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



247.9470, -1.6490, -8.6650



253.5330, -0.1830, -2.1910



248.3120, 7.7490, -2.7710



127.0600, -0.2290, -1.3570



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

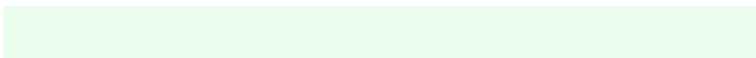
The Same Dimension uses a secret algorithm to generate beautiful new colors.



247.9470, -1.6490, -8.6650



247.5940, -2.1530, -10.5450



246.4950, -6.1880, -9.0040



123.8270, -1.1910, -5.9510



130.0570, -16.7650, -87.1730



43.5480, -5.6800, -29.2320

Inverse Universe

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



241.0530, 1.6490, 8.6650



239.4060, 2.1530, 10.5450



242.5050, 6.1880, 9.0040



118.8740, 0.5950, 5.7390



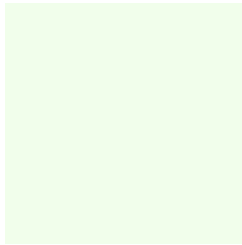
60.9430, 16.7650, 87.1730



20.4520, 5.6800, 29.2320

Previews

White Background



This preview shows how the YIQ color 247.9470, -1.6490, -8.6650 looks on a white background.

Color Contrast Check

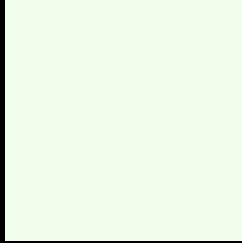
Large Text (above 18pt) WCAG AA × Fail

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 247.9470, -1.6490, -8.6650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

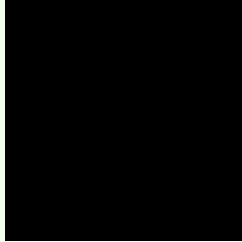
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

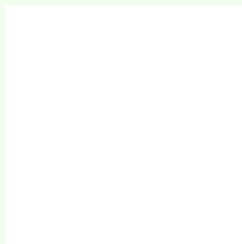
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 247.9470, -1.6490, -8.6650

Background



This preview shows how black text looks on a background with the YIQ color 247.9470, -1.6490, -8.6650.



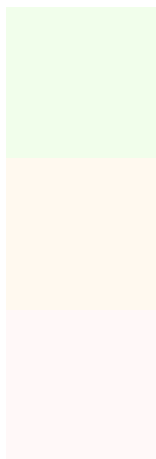
This preview shows how white text looks on a background with the YIQ color 247.9470, -1.6490, -8.6650.

-8.6650.

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

247.9470, -1.6490, -8.6650

Protanopia

249.6540, 6.7860, -1.8380

Deuteranopia

250.0930, 4.1720, 1.4840

Tritanopia

250.2710, -2.2010, 1.3430

Trichromacy



Original Color

247.9470, -1.6490, -8.6650

Protanomaly

249.2190, 3.5770, -4.2550

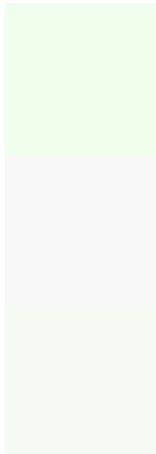
Deuteranomaly

249.2020, 2.2470, -2.1770

Tritanomaly

249.1630, -2.0170, -1.9930

Monochromacy



Original Color

247.9470, -1.6490, -8.6650

Achromatopsia

248.0000, -0.0000, -0.0000

Achromatomaly

247.7070, -0.7330, -3.2370

CSS Examples

Text

The CSS property to change the color of the text to YIQ 247.9470, -1.6490, -8.6650 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(241, 254, 235)` looks like.

```
.text, #text, p{  
    color:rgb(241, 254, 235)  
}
```

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(241, 254, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 254, 235) }
```

Border

The CSS property to change the border of an element to YIQ 247.9470, -1.6490, -8.6650 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(241, 254, 235) }
```


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

```
.border{ border-color:rgb(241, 254, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 254, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 254, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 254, 235);  
box-shadow:4px 4px 4px 4px rgb(241, 254,  
235) }
```

Background

The CSS property to change the background color of an element to YIQ 247.9470, -1.6490, -8.6650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 254, 235) }
```

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

```
.background{ background-color: rgb(241,  
254, 235) }
```

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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