

Converting Colors

YIQ(246.7930, -3.8510, -1.7950)

Have a look what the booklet for
YIQ(246.7930, -3.8510, -1.7950)
contains.

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Color

**YIQ(246.7930, -3.8510,
-1.7950)**

Conversions

Conversions Part 1

Format	Color
Hex	F2F9F8
RGB	242, 249, 248
RGB Percent	95%, 98%, 97%
CMY	0.0510, 0.0235, 0.0275
CMYK	0.03, 0.00, 0.00, 0.02
HSL	171°, 37%, 96%
HSV	171°, 3%, 98%
XYZ	87.4357, 93.4067, 102.2249
YIQ	246.7930, -3.8510, -1.7950

Conversions

Conversions Part 2

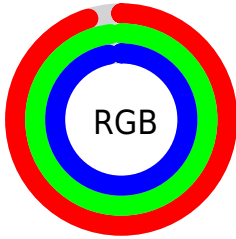
Format	Color
R _Y B	242, 246, 249
Decimal	15923704
CIE Lab	97.39, -2.48, -0.33
CIE LCh	97, 2.502, 187.651
Yxy	93.4067, 0.3089, 0.3300
Android (android.graphics.Color)	4294113784 (0xFF2F9F8)
YUV	246.7930, 0.5951, -4.2035
Hunter-Lab	96.6472, -7.6453, 4.9413

Details

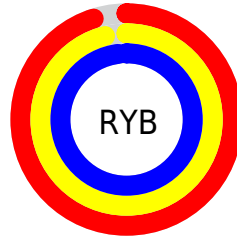
The YIQ color $246.7930, -3.8510, -1.7950$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $244.2070, 3.8510, 1.7950$, and the grayscale version is $247.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $190.7930, -3.8510, -1.7950$ is the 20% darker color. If you saturate the color by 10%, you get $238.8620, -17.4670, -8.3390$, and if you desaturate by 10%, it is $251.1360, 2.6130, 2.2050$.

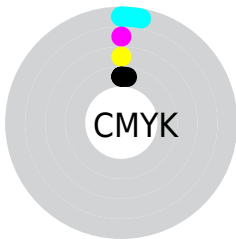
Distribution



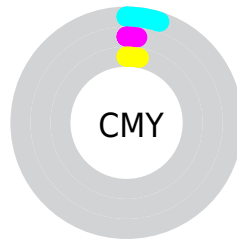
- Red (95%)
- Green (98%)
- Blue (97%)



- Red (95%)
- Yellow (96%)
- Blue (98%)



- Cyan (3%)
- Magenta (0%)
- Yellow (0%)
- Black (2%)



- Cyan (5%)
- Magenta (2%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 246.7930, -3.8510, -1.7950 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 246.7930, -3.8510, -1.7950 by changing the saturation by 10% instead.

246.7930, -3.8510,
-1.7950

246.7930, -3.8510,
-1.7950

255.0000, -0.0000,
-0.0000

218.0920, -3.2550,
-1.5830

190.7930, -3.8510,
-1.7950

163.2060, -3.5760,
-1.2720

137.0920, -3.2550,
-1.5830

112.0920, -3.2550,
-1.5830

87.0920, -3.2550,
-1.5830

64.0920, -3.2550,

-1.5830

■ 42.3910, -2.6590,
-1.3710

■ 21.5050, -2.9800,
-1.0600

■ 246.7930, -3.8510,
-1.7950

■ 246.7930, -3.8510,
-1.7950

■ 238.8620,
-17.4670, -8.3390

■ 251.1360, 2.6130,
2.2050

■ 231.0450,
-31.4040, -14.5720

■ 251.4780, 1.6500,
3.1380

■ 223.1140,
-45.0200, -21.1160

■ 215.2970,
-58.9570, -27.3490

■ 207.3660,
-72.5730, -33.8930

■ 199.7340,
-85.5930, -40.2250

■ 191.9170,
-99.5300, -46.4580

■ 183.9860,
-113.1460, -53.0020

■ 176.1690,
-127.0830, -59.2350

Harmonies

Analogous

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



247.1630, -2.0170, -1.9930



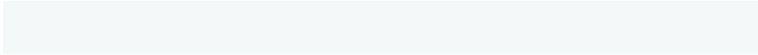
246.7930, -3.8510, -1.7950



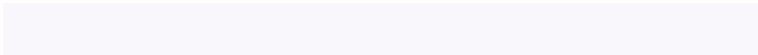
247.0210, -4.4930, -1.1730

Triad

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



246.7930, -3.8510, -1.7950



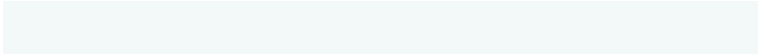
248.0540, -0.0920, 1.6680



247.7400, 3.6680, -0.3960

Complementary

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



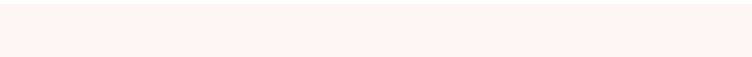
246.7930, -3.8510, -1.7950



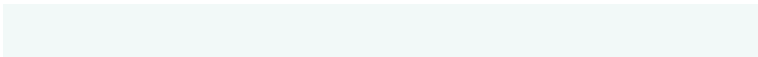
244.2070, 3.8510, 1.7950

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.



247.9790, 4.4930, 1.1730



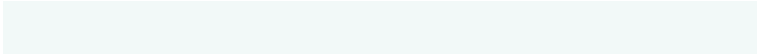
246.7930, -3.8510, -1.7950



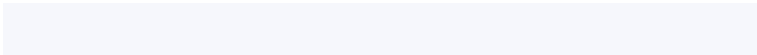
247.8370, 2.0170, 1.9930

Square

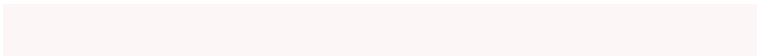
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



246.7930, -3.8510, -1.7950



247.2710, -2.2010, 1.3430



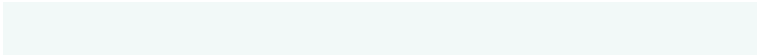
248.2070, 3.8510, 1.7950



247.1420, 2.4760, -0.8200

Rectangle

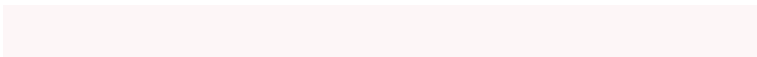
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



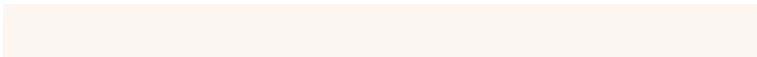
246.7930, -3.8510, -1.7950



246.8470, -3.9430, -0.1270



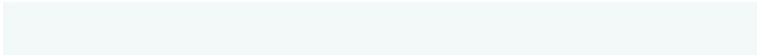
248.2070, 3.8510, 1.7950



247.4520, 4.5390, 0.3390

Sweetspot

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



246.7930, -3.8510, -1.7950



254.1030, -1.7880, -0.6360



246.4080, -1.3290, -3.4490



127.2880, -0.8710, -0.7350



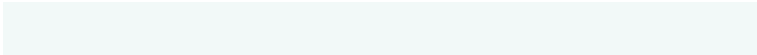
0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



246.7930, -3.8510, -1.7950



252.4940, -4.4470, -2.0070



245.7330, -3.6220, -0.4380



123.3910, -2.6590, -1.3710



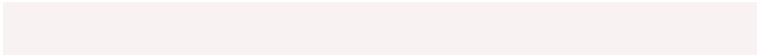
129.2970, -103.6560, -48.7760



41.7350, -33.4670, -15.7310

Inverse Universe

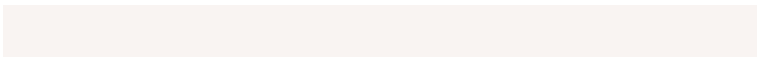
The Inverse Universe completely reimagines the original color for something new.



244.2070, 3.8510, 1.7950



249.5060, 4.4470, 2.0070



245.2670, 3.6220, 0.4380



121.6090, 2.6590, 1.3710



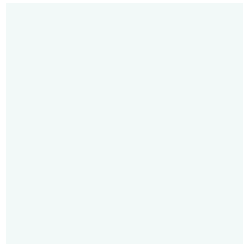
59.5890, 103.9770, 48.4650



19.2650, 33.4670, 15.7310

Previews

White Background



This preview shows how the YIQ color 246.7930, -3.8510, -1.7950 looks on a white background.

Color Contrast Check

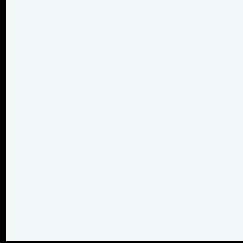
Large Text (above 18pt) WCAG AA × Fail

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 246.7930, -3.8510, -1.7950 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

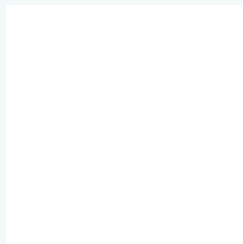
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 246.7930, -3.8510, -1.7950

Background



This preview shows how black text looks on a background with the YIQ color 246.7930, -3.8510, -1.7950.



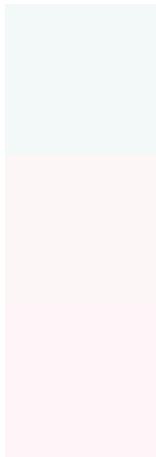
This preview shows how white text looks on a background with the YIQ color 246.7930, -3.8510, -1.7950.

-1.750.

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

246.7930, -3.8510, -1.7950

Protanopia

247.7940, 3.5760, 1.2720

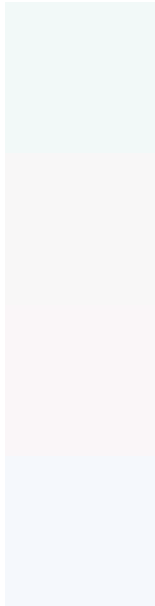
Deuteranopia

248.3320, 4.9970, 3.0530

Tritanopia

247.6130, -3.1640, 2.2760

Trichromacy



Original Color

246.7930, -3.8510, -1.7950

Protanomaly

247.2990, 0.5960, 0.2120

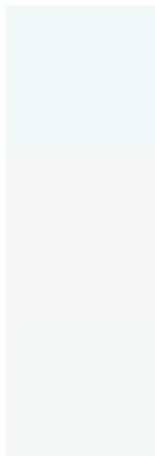
Deuteranomaly

247.4240, 1.7420, 1.4700

Tritanomaly

247.5590, -3.0720, 0.6080

Monochromacy



Original Color

246.7930, -3.8510, -1.7950

Achromatopsia

247.0000, -0.0000, -0.0000

Achromatomaly

246.9890, -1.4670, -0.9470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 246.7930, -3.8510, -1.7950 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(242, 249, 248)` looks like.

```
.text, #text, p{  
    color:rgb(242, 249, 248)  
}
```

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(242, 249, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 249, 248) }
```

Border

The CSS property to change the border of an element to YIQ 246.7930, -3.8510, -1.7950 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(242, 249, 248) }
```


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

```
.border{ border-color:rgb(242, 249, 248) }
```

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

Here you see how a box with a 4 pixel rgb(242, 249, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 249, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 249, 248);  
box-shadow:4px 4px 4px 4px rgb(242, 249,  
248) }
```

Background

The CSS property to change the background color of an element to YIQ 246.7930, -3.8510, -1.7950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 249, 248) }
```

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

```
.background{ background-color: rgb(242,  
249, 248) }
```

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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