

Converting Colors

YIQ(238.7910, -18.7050,
-7.9290)

Have a look what the booklet for
YIQ(238.7910, -18.7050, -7.9290)
contains.

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Color

**YIQ(238.7910, -18.7050,
-7.9290)**

Conversions

Conversions Part 1

Format	Color
Hex	D8F9F6
RGB	216, 249, 246
RGB Percent	85%, 98%, 96%
CMY	0.1530, 0.0235, 0.0354
CMYK	0.13, 0.00, 0.01, 0.02
HSL	174°, 73%, 91%
HSV	174°, 13%, 98%
XYZ	78.8246, 89.0084, 100.1999
YIQ	238.7910, -18.7050, -7.9290

Conversions

Conversions Part 2

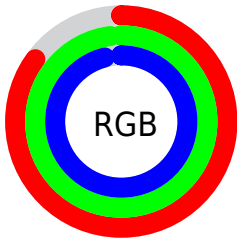
Format	Color
R _{YB}	216, 233, 249
Decimal	14219766
CIE Lab	95.58, -11.20, -2.15
CIE LCh	96, 11.408, 190.861
Yxy	89.0084, 0.2941, 0.3321
Android (android.graphics.Color)	4292409846 (0xFFD8F9F6)
YUV	238.7910, 3.5540, -19.9877
Hunter-Lab	94.3443, -15.9659, 3.0711

Details

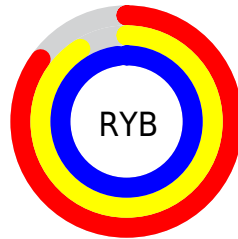
The YIQ color $238.7910, -18.7050, -7.9290$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $226.2090, 18.7050, 7.9290$, and the grayscale version is $239.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $183.0900, -18.1090, -7.7170$ is the 20% darker color. If you saturate the color by 10%, you get $231.0880, -32.9630, -13.8510$, and if you desaturate by 10%, it is $246.4940, -4.4470, -2.0070$.

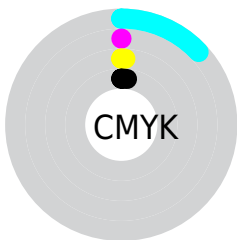
Distribution



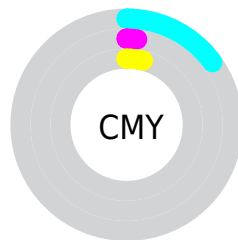
- Red (85%)
- Green (98%)
- Blue (96%)



- Red (85%)
- Yellow (91%)
- Blue (98%)



- Cyan (13%)
- Magenta (0%)
- Yellow (1%)
- Black (2%)



- Cyan (15%)
- Magenta (2%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 238.7910, -18.7050, -7.9290 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 238.7910, -18.7050, -7.9290 by changing the saturation by 10% instead.

■ 238.7910,
-18.7050, -7.9290

■ 238.7910,
-18.7050, -7.9290

255.0000, -0.0000,
-0.0000

■ 210.2040,
-18.4300, -7.4060

■ 183.0900,
-18.1090, -7.7170

■ 155.5030,
-17.8340, -7.1940

■ 129.6880,
-16.9170, -7.2930

■ 104.6880,
-16.9170, -7.2930

■ 80.1010, -16.6420,
-6.7700

■ 57.1010, -16.6420,

-6.7700

■ 34.5140, -16.3670,
-6.2470

■ 16.4820, -13.3410,
-6.0210

■ 238.7910,
-18.7050, -7.9290

■ 238.7910,
-18.7050, -7.9290

■ 231.0880,
-32.9630, -13.8510

■ 246.4940, -4.4470,
-2.0070

■ 223.2710,
-46.9000, -20.0840

■ 251.0220, 2.9340,
1.8940

■ 215.5680,
-61.1580, -26.0060

■ 251.2500, 2.2920,
2.5160

■ 207.8650,
-75.4160, -31.9280

■ 251.4780, 1.6500,
3.1380

■ 200.1620,
-89.6740, -37.8500

■ 192.6440,
-103.0150, -43.8710

■ 184.9410,
-117.2730, -49.7930

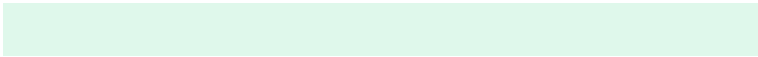
■ 177.2380,
-131.5310, -55.7150

■ 171.9270,
-141.0210, -59.9410

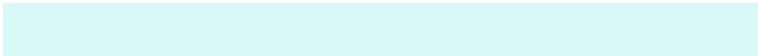
Harmonies

Analogous

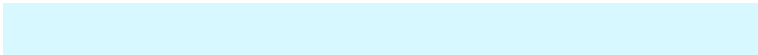
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



239.0430, -10.7270, -9.3430



238.7910, -18.7050, -7.9290



239.2300, -21.3190, -4.6070

Triad

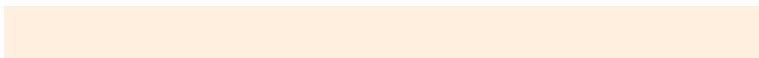
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



238.7910, -18.7050, -7.9290



243.5260, 1.6950, 7.8310



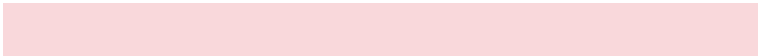
241.8460, 14.9930, -1.8950

Complementary

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



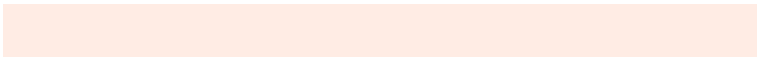
238.7910, -18.7050, -7.9290



226.2090, 18.7050, 7.9290

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.



240.7690, 13.8920, 1.5400



238.7910, -18.7050, -7.9290



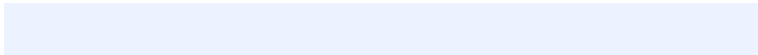
243.2770, 6.8300, 8.3820

Square

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



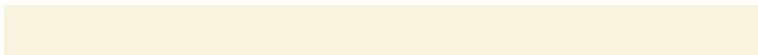
238.7910, -18.7050, -7.9290



241.6880, -7.7490, 2.7710



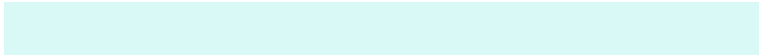
241.4360, 10.6360, 5.4840



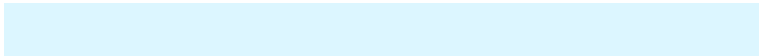
241.6880, 9.4460, -5.9940

Rectangle

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



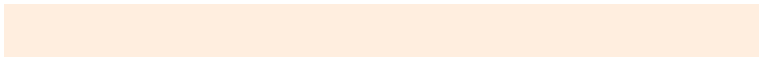
238.7910, -18.7050, -7.9290



239.2520, -18.3850, -2.7130



241.4360, 10.6360, 5.4840



241.3730, 14.9470, -1.0610

Sweetspot

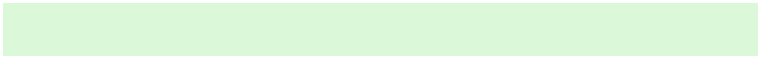
The Sweet Spot groups the original color and five complimentary colors.



238.7910, -18.7050, -7.9290



251.8960, -5.6390, -2.4310



236.2680, -7.2870, -16.6230



125.7930, -3.8510, -1.7950



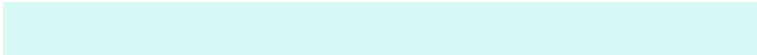
0.0000, 0.0000, 0.0000



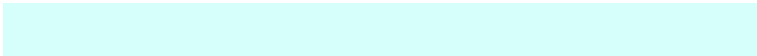
128.0000, -0.0000, -0.0000

Same Dimension

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



238.7910, -18.7050, -7.9290



242.2850, -23.1520, -9.9360



231.5020, -16.0930, -0.1970



120.9990, -7.4270, -3.0670



130.4370, -106.8660, -45.6660



42.1910, -34.7510, -14.4870

Inverse Universe

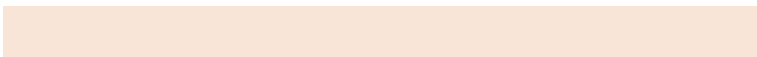
The Inverse Universe completely reimagines the original color for something new.



226.2090, 18.7050, 7.9290



226.7150, 23.1520, 9.9360



233.4980, 16.0930, 0.1970



116.1150, 7.1060, 3.3780



58.4490, 107.1870, 45.3550



18.9230, 34.4300, 14.7980

Previews

White Background



This preview shows how the YIQ color 238.7910, -18.7050, -7.9290 looks on a white background.

Color Contrast Check

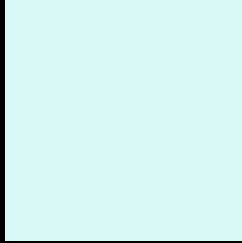
Large Text (above 18pt) WCAG AA × Fail

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 238.7910, -18.7050, -7.9290 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

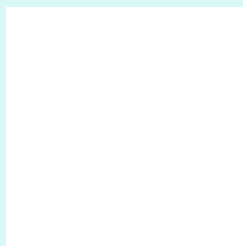
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 238.7910, -18.7050, -7.9290

Background



This preview shows how black text looks on a background with the YIQ color 238.7910, -18.7050, -7.9290.



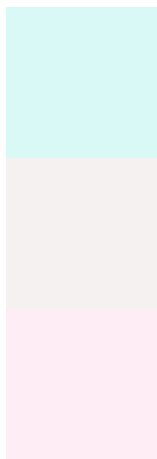
This preview shows how white text looks on a background with the YIQ color 238.7910, -18.7050, -7.9290.

-7.9290.

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

238.7910, -18.7050, -7.9290

Protanopia

242.4950, 2.9800, 1.0600

Deuteranopia

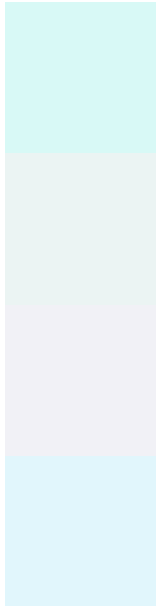
243.4080, 7.8390, 6.6150



Tritanopia

241.0680, -11.8750, 0.4530

Trichromacy



Original Color

238.7910, -18.7050, -7.9290

Protanomaly

241.1950, -5.0430, -2.2190

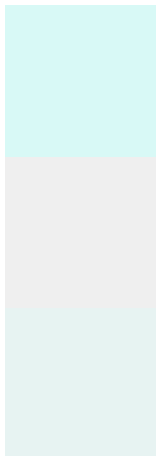
Deuteranomaly

241.5700, -1.6050, 1.5550

Tritanomaly

240.4050, -14.4420, -2.5860

Monochromacy



Original Color

238.7910, -18.7050, -7.9290

Achromatopsia

239.0000, -0.0000, -0.0000

Achromatomaly

239.2980, -6.8310, -2.8550

CSS Examples

Text

The CSS property to change the color of the text to YIQ 238.7910, -18.7050, -7.9290 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(216, 249, 246)` looks like.

```
.text, #text, p{  
    color:rgb(216, 249, 246)  
}
```

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(216, 249, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 249, 246) }
```

Border

The CSS property to change the border of an element to YIQ 238.7910, -18.7050, -7.9290 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(216, 249, 246) }
```


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

```
.border{ border-color:rgb(216, 249, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 249, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 249, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 249, 246);  
box-shadow:4px 4px 4px 4px rgb(216, 249,  
246) }
```

Background

The CSS property to change the background color of an element to YIQ 238.7910, -18.7050, -7.9290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 249, 246) }
```

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

```
.background{ background-color: rgb(216,  
249, 246) }
```

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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