

Converting Colors

YIQ(238.4860, -19.1640,
-5.1160)

Have a look what the booklet for
YIQ(238.4860, -19.1640, -5.1160)
contains.

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Color

**YIQ(238.4860, -19.1640,
-5.1160)**

Conversions

Conversions Part 1

Format	Color
Hex	D9F7FB
RGB	217, 247, 251
RGB Percent	85%, 97%, 98%
CMY	0.1491, 0.0313, 0.0158
CMYK	0.14, 0.02, 0.00, 0.02
HSL	187°, 81%, 92%
HSV	187°, 14%, 98%
XYZ	79.2841, 88.2420, 104.1038
YIQ	238.4860, -19.1640, -5.1160

Conversions

Conversions Part 2

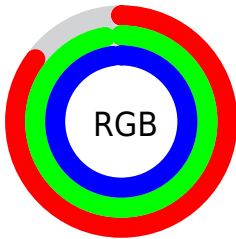
Format	Color
R_{YB}	217, 233, 251
Decimal	14284795
CIE _{Lab}	95.26, -8.91, -5.20
CIE _{LCh}	95, 10.313, 210.263
Yxy	88.2420, 0.2919, 0.3249
Android (android.graphics.Color)	4292474875 (0xFFD9F7FB)
YUV	238.4860, 6.1694, -18.8432
Hunter-Lab	93.9372, -13.7341, 0.0493

Details

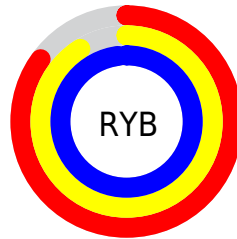
The YIQ color $238.4860, -19.1640, -5.1160$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $229.5140, 19.1640, 5.1160$, and the grayscale version is $238.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $182.7850, -18.5680, -4.9040$ is the 20% darker color. If you saturate the color by 10%, you get $229.2500, -33.2390, -8.8470$, and if you desaturate by 10%, it is $247.7220, -5.0890, -1.3850$.

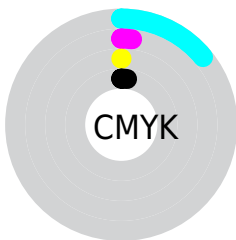
Distribution



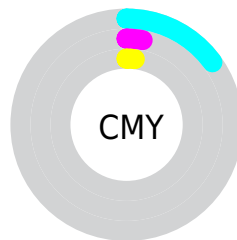
- Red (85%)
- Green (97%)
- Blue (98%)



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



- Cyan (14%)
- Magenta (2%)
- Yellow (0%)
- Black (2%)



- Cyan (15%)
- Magenta (3%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 238.4860, -19.1640, -5.1160 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 238.4860, -19.1640, -5.1160 by changing the saturation by 10% instead.

■ 238.4860,
-19.1640, -5.1160

■ 238.4860,
-19.1640, -5.1160

255.0000, -0.0000,
-0.0000

■ 210.3720,
-18.8430, -5.4270

■ 182.6710,
-18.2470, -5.2150

■ 155.6710,
-18.2470, -5.2150

■ 129.3830,
-17.3760, -4.4800

■ 104.2690,
-17.0550, -4.7910

■ 79.6820, -16.7800,
-4.2680

■ 56.5680, -16.4590,

-4.5790

■ 34.5680, -16.4590,
-4.5790

■ 15.7640, -14.0750,
-3.7310

■ 238.4860,
-19.1640, -5.1160

■ 238.4860,
-19.1640, -5.1160

■ 229.2500,
-33.2390, -8.8470

■ 247.7220, -5.0890,
-1.3850

■ 220.0140,
-47.3140, -12.5780

■ 253.3700, 1.8340,
-0.1980

■ 210.7780,
-61.3890, -16.3090

■ 254.5440, 1.2840,
-1.2440

■ 201.5420,
-75.4640, -20.0400

■ 192.0070,
-90.1350, -23.9830

■ 182.7710,
-104.2100, -27.7140

■ 174.1220,
-118.5600, -31.9680

■ 164.8860,
-132.6350, -35.6990

■ 158.9280,
-141.6210, -38.0450

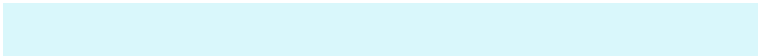
Harmonies

Analogous

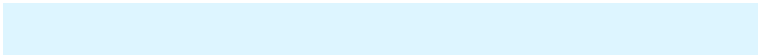
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



237.9440, -14.7620, -7.8020



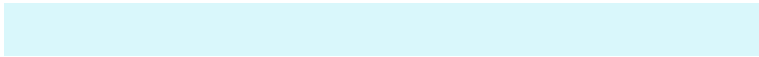
238.4860, -19.1640, -5.1160



238.9640, -17.5140, -1.9780

Triad

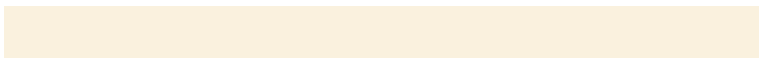
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



238.4860, -19.1640, -5.1160



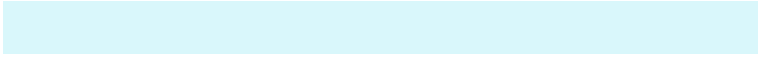
243.3910, 6.5090, 8.6930



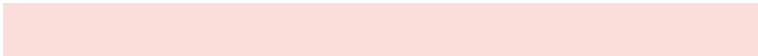
241.5250, 11.4630, -4.0010

Complementary

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



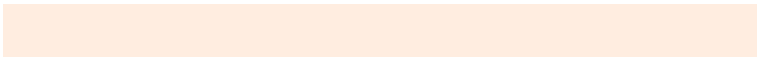
238.4860, -19.1640, -5.1160



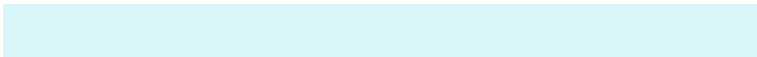
229.5140, 19.1640, 5.1160

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.



240.9000, 14.9010, -0.2270



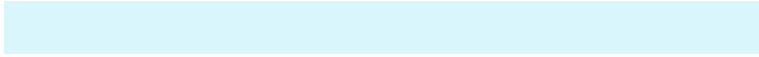
238.4860, -19.1640, -5.1160



241.7780, 9.6730, 6.4170

Square

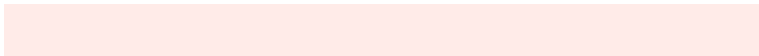
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



238.4860, -19.1640, -5.1160



242.3190, -2.1560, 6.0360



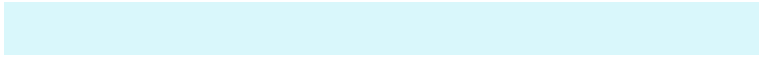
240.6380, 12.8830, 3.3070



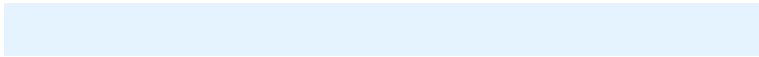
239.9260, 2.8440, -7.4920

Rectangle

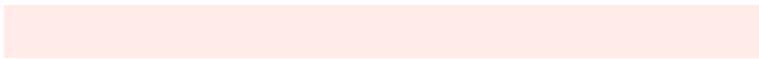
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



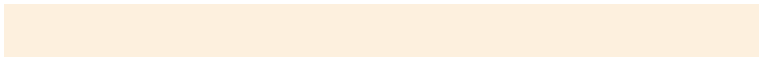
238.4860, -19.1640, -5.1160



239.8830, -12.7920, 0.5520



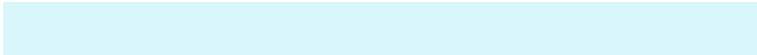
240.6380, 12.8830, 3.3070



241.8350, 13.5260, -2.8420

Sweetspot

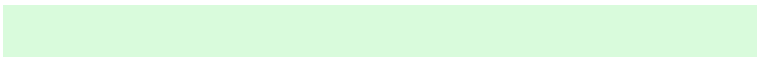
The Sweet Spot groups the original color and five complimentary colors.



238.4860, -19.1640, -5.1160



251.4230, -5.6850, -1.5970



237.3000, -10.3130, -16.8490



125.3200, -3.8970, -0.9610



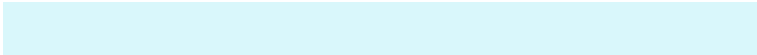
0.0000, 0.0000, 0.0000



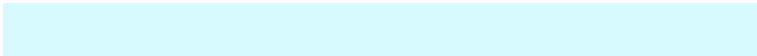
128.0000, -0.0000, -0.0000

Same Dimension

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



238.4860, -19.1640, -5.1160



239.8060, -23.0610, -6.0770



229.0940, -14.7640, 3.2520



119.9390, -7.1980, -1.7100



119.5750, -106.5940, -28.5620



38.6520, -34.4310, -9.2710

Inverse Universe

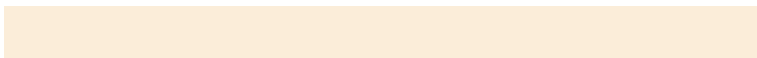
The Inverse Universe completely reimagines the original color for something new.



230.5860, 10.6340, 16.5380



230.3630, 12.8800, 19.8880



238.9060, 14.7640, -3.2520



117.1410, 4.2170, 6.1770



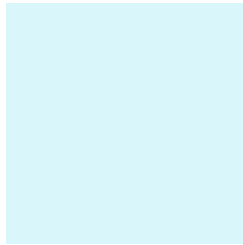
75.5490, 59.0370, 92.0050



24.3950, 19.0220, 29.7260

Previews

White Background



This preview shows how the YIQ color 238.4860, -19.1640, -5.1160 looks on a white background.

Color Contrast Check

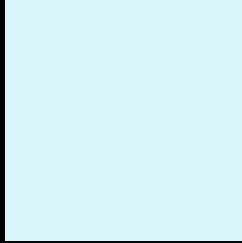
Large Text (above 18pt) WCAG AA × Fail

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 238.4860, -19.1640, -5.1160 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 238.4860, -19.1640, -5.1160

Background



This preview shows how black text looks on a background with the YIQ color 238.4860, -19.1640, -5.1160.



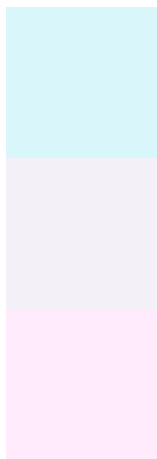
This preview shows how white text looks on a background with the YIQ color 238.4860, -19.1640,

-5.1160.

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

238.4860, -19.1640, -5.1160

Protanopia

241.6950, -0.4590, 2.8130

Deuteranopia

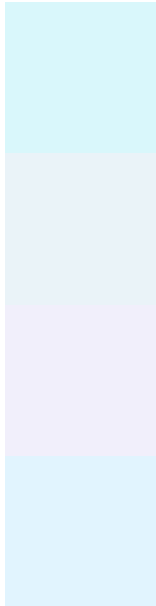
242.8040, 6.7840, 9.2160



Tritanopia

240.1820, -12.1960, 0.7640

Trichromacy



Original Color

238.4860, -19.1640, -5.1160

Protanomaly

240.8790, -6.9690, -0.3530

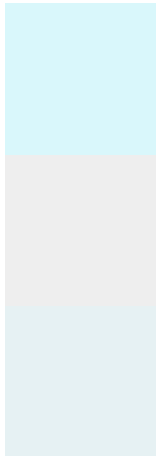
Deuteranomaly

240.9660, -2.6600, 4.1560

Tritanomaly

239.4590, -14.5340, -0.9180

Monochromacy



Original Color

238.4860, -19.1640, -5.1160

Achromatopsia

238.0000, -0.0000, 0.0000

Achromatomaly

237.9390, -7.1980, -1.7100

CSS Examples

Text

The CSS property to change the color of the text to YIQ 238.4860, -19.1640, -5.1160 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(217, 247, 251)` looks like.

```
.text, #text, p{  
    color:rgb(217, 247, 251)  
}
```

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(217, 247, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 247, 251) }
```

Border

The CSS property to change the border of an element to YIQ 238.4860, -19.1640, -5.1160 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(217, 247, 251) }
```


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

```
.border{ border-color:rgb(217, 247, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 247, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 247, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 247, 251);  
box-shadow:4px 4px 4px 4px rgb(217, 247,  
251) }
```

Background

The CSS property to change the background color of an element to YIQ 238.4860, -19.1640, -5.1160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 247, 251) }
```

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

```
.background{ background-color: rgb(217,  
247, 251) }
```

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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