

Converting Colors

YIQ(239.2750, -17.1920,
-7.8160)

Have a look what the booklet for
YIQ(239.2750, -17.1920, -7.8160)
contains.

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Color

**YIQ(239.2750, -17.1920,
-7.8160)**

Conversions

Conversions Part 1

Format	Color
Hex	DAF9F5
RGB	218, 249, 245
RGB Percent	85%, 98%, 96%
CMY	0.1452, 0.0235, 0.0393
CMYK	0.12, 0.00, 0.02, 0.02
HSL	172°, 72%, 92%
HSV	172°, 12%, 98%
XYZ	79.2662, 89.2534, 99.4228
YIQ	239.2750, -17.1920, -7.8160

Conversions

Conversions Part 2

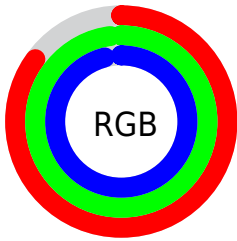
Format	Color
R _{YB}	218, 235, 249
Decimal	14350837
CIE Lab	95.69, -10.77, -1.47
CIE LCh	96, 10.868, 187.768
Yxy	89.2534, 0.2958, 0.3331
Android (android.graphics.Color)	4292540917 (0xFFDAF9F5)
YUV	239.2750, 2.8224, -18.6582
Hunter-Lab	94.4740, -15.5633, 3.7361

Details

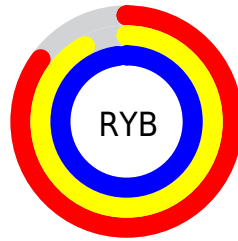
The YIQ color $239.2750, -17.1920, -7.8160$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $227.7250, 17.1920, 7.8160$, and the grayscale version is $239.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $183.5740, -16.5960, -7.6040$ is the 20% darker color. If you saturate the color by 10%, you get $231.4580, -31.1290, -14.0490$, and if you desaturate by 10%, it is $247.0920, -3.2550, -1.5830$.

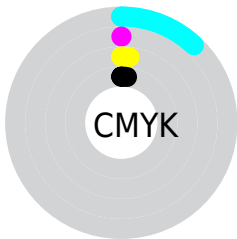
Distribution



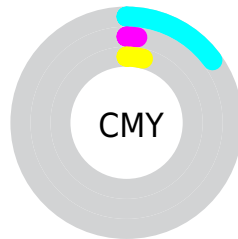
- Red (85%)
- Green (98%)
- Blue (96%)



- Red (85%)
- Yellow (92%)
- Blue (98%)



- Cyan (12%)
- Magenta (0%)
- Yellow (2%)
- Black (2%)



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

Brightness & Saturation Gradients

These gradients show how the YIQ color 239.2750, -17.1920, -7.8160 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 239.2750, -17.1920, -7.8160 by changing the saturation by 10% instead.

■ 239.2750,
-17.1920, -7.8160

■ 239.2750,
-17.1920, -7.8160

255.0000, -0.0000,
-0.0000

■ 210.6880,
-16.9170, -7.2930

■ 183.5740,
-16.5960, -7.6040

■ 155.9870,
-16.3210, -7.0810

■ 130.2860,
-15.7250, -6.8690

■ 105.1720,
-15.4040, -7.1800

■ 80.5850, -15.1290,
-6.6570

■ 57.5850, -15.1290,

-6.6570

■ 34.9980, -14.8540,
-6.1340

■ 16.3680, -13.0200,
-6.3320

■ 239.2750,
-17.1920, -7.8160

■ 239.2750,
-17.1920, -7.8160

■ 231.4580,
-31.1290, -14.0490

■ 247.0920, -3.2550,
-1.5830

■ 223.6410,
-45.0660, -20.2820

■ 251.0220, 2.9340,
1.8940

■ 215.7100,
-58.6820, -26.8260

■ 251.4780, 1.6500,
3.1380

■ 207.8930,
-72.6190, -33.0590

■ 200.0760,
-86.5560, -39.2920

■ 192.5580,
-99.8970, -45.3130

■ 184.6270,
-113.5130, -51.8570

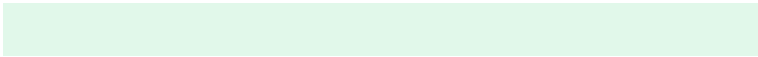
■ 176.8100,
-127.4500, -58.0900

■ 170.9010,
-138.1320, -62.7400

Harmonies

Analogous

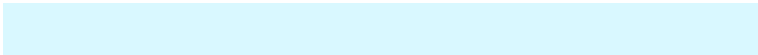
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



239.5270, -9.2140, -9.2300



239.2750, -17.1920, -7.8160



239.5290, -20.7230, -4.3950

Triad

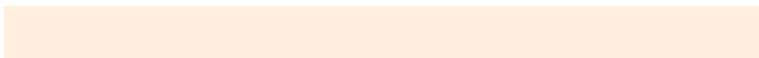
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



239.2750, -17.1920, -7.8160



243.5150, 0.2280, 6.8840



241.9600, 14.6720, -1.5840

Complementary

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



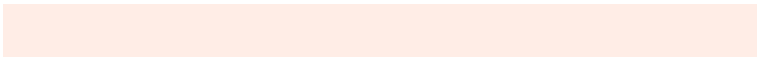
239.2750, -17.1920, -7.8160



227.7250, 17.1920, 7.8160

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.



241.5840, 12.9750, 1.6390



239.2750, -17.1920, -7.8160



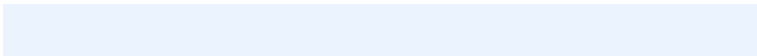
243.3910, 6.5090, 8.6930

Square

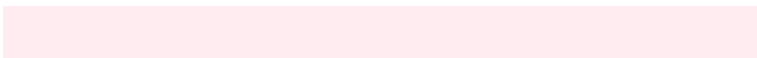
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



239.2750, -17.1920, -7.8160



241.9760, -8.6200, 2.0360



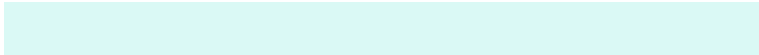
242.1370, 10.0400, 5.2720



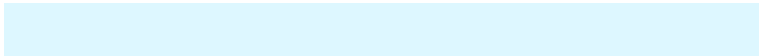
242.4000, 10.3170, -5.2590

Rectangle

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



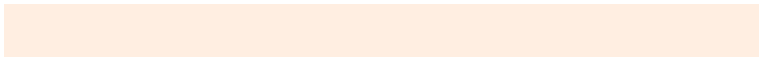
239.2750, -17.1920, -7.8160



240.1380, -18.0640, -3.0240



242.1370, 10.0400, 5.2720



241.6010, 14.3050, -0.4390

Sweetspot

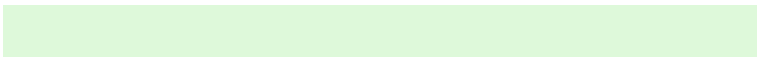
The Sweet Spot groups the original color and five complimentary colors.



239.2750, -17.1920, -7.8160



251.8960, -5.6390, -2.4310



237.3930, -6.1410, -15.3650



125.7930, -3.8510, -1.7950



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

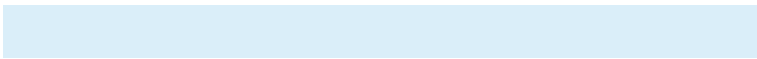
The Same Dimension uses a secret algorithm to generate beautiful new colors.



239.2750, -17.1920, -7.8160



243.0680, -21.0430, -9.6110



233.2740, -15.4510, -0.8190



120.8850, -7.1060, -3.3780



129.6390, -104.6190, -47.8430



41.8490, -33.7880, -15.4200

Inverse Universe

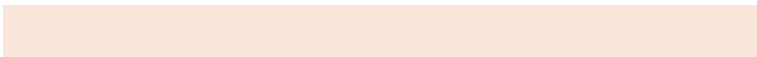
The Inverse Universe completely reimagines the original color for something new.



227.7250, 17.1920, 7.8160



228.9320, 21.0430, 9.6110



233.7260, 15.4510, 0.8190



116.1150, 7.1060, 3.3780



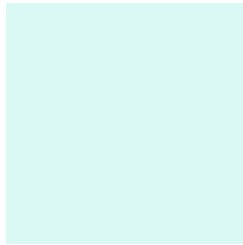
59.3610, 104.6190, 47.8430



19.1510, 33.7880, 15.4200

Previews

White Background



This preview shows how the YIQ color 239.2750, -17.1920, -7.8160 looks on a white background.

Color Contrast Check

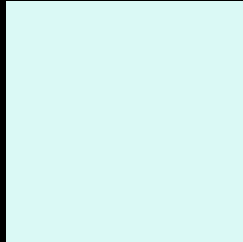
Large Text (above 18pt) WCAG AA × Fail

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 239.2750, -17.1920, -7.8160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

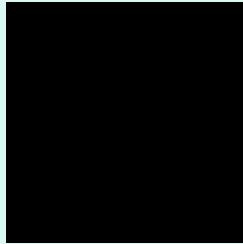
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

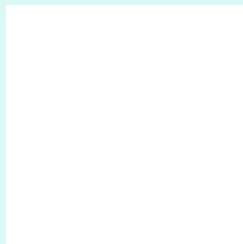
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 239.2750, -17.1920, -7.8160

Background



This preview shows how black text looks on a background with the YIQ color 239.2750, -17.1920, -7.8160.



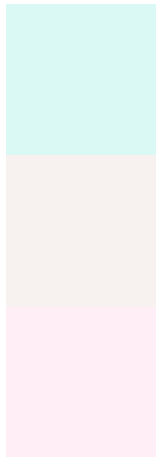
This preview shows how white text looks on a background with the YIQ color 239.2750, -17.1920, -7.8160.

-7.8160.

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

239.2750, -17.1920, -7.8160

Protanopia

242.6800, 3.8970, 0.9610

Deuteranopia

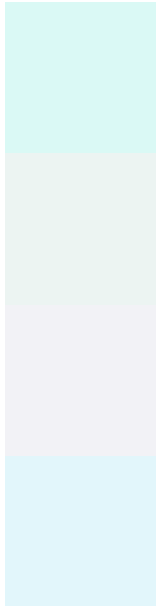
243.9950, 7.5640, 6.0920



Tritanopia

241.3670, -11.2790, 0.6650

Trichromacy



Original Color

239.2750, -17.1920, -7.8160

Protanomaly

241.3800, -4.1260, -2.3180

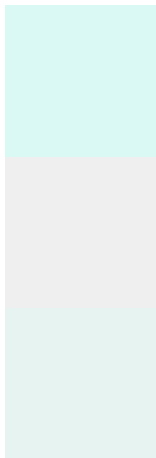
Deuteranomaly

242.4560, -1.2840, 1.2440

Tritanomaly

240.5900, -13.5250, -2.6850

Monochromacy



Original Color

239.2750, -17.1920, -7.8160

Achromatopsia

239.0000, -0.0000, -0.0000

Achromatomaly

239.1840, -6.5100, -3.1660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 239.2750, -17.1920, -7.8160 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(218, 249, 245)` looks like.

```
.text, #text, p{  
    color:rgb(218, 249, 245)  
}
```

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(218, 249, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 249, 245) }
```

Border

The CSS property to change the border of an element to YIQ 239.2750, -17.1920, -7.8160 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(218, 249, 245) }
```


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

```
.border{ border-color:rgb(218, 249, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 249, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 249, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 249, 245);  
box-shadow:4px 4px 4px 4px rgb(218, 249,  
245) }
```

Background

The CSS property to change the background color of an element to YIQ 239.2750, -17.1920, -7.8160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 249, 245) }
```

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

```
.background{ background-color: rgb(218,  
249, 245) }
```

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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