

Converting Colors

YIQ(239.5040, -19.5750,
-14.1910)

Have a look what the booklet for
YIQ(239.5040, -19.5750, -14.1910)
contains.

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Color

**YIQ(239.5040, -19.5750,
-14.1910)**

Conversions

Conversions Part 1

Format	Color
Hex	D4FEED
RGB	212, 254, 237
RGB Percent	83%, 100%, 93%
CMY	0.1687, 0.0038, 0.0706
CMYK	0.17, 0.00, 0.07, 0.00
HSL	156°, 96%, 91%
HSV	156°, 17%, 100%
XYZ	77.8743, 91.0011, 93.5687
YIQ	239.5040, -19.5750, -14.1910

Conversions

Conversions Part 2

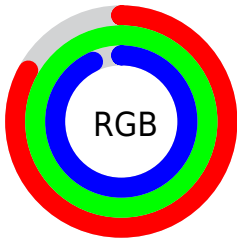
Format	Color
RYB	212, 238, 254
Decimal	13958893
CIELab	96.41, -16.66, 3.67
CIELCh	96, 17.060, 167.593
Yxy	91.0011, 0.2967, 0.3467
Android (android.graphics.Color)	4292148973 (0xFFD4FEED)
YUV	239.5040, -1.2345, -24.1210
Hunter-Lab	95.3945, -21.2238, 8.6209

Details

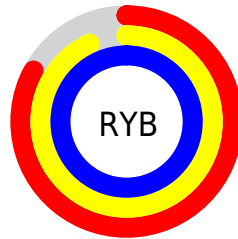
The YIQ color $239.5040, -19.5750, -14.1910$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $226.4960, 19.5750, 14.1910$, and the grayscale version is $240.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $183.2160, -18.7040, -13.4560$ is the 20% darker color. If you saturate the color by 10%, you get $230.8890, -31.2650, -22.6010$, and if you desaturate by 10%, it is $248.1190, -7.8850, -5.7810$.

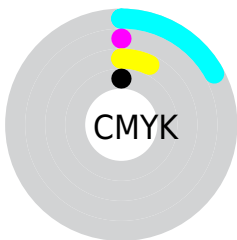
Distribution



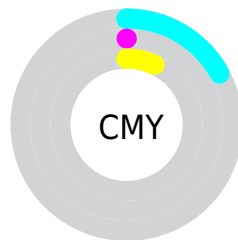
- Red (83%)
- Green (100%)
- Blue (93%)



- Red (83%)
- Yellow (93%)
- Blue (100%)



- Cyan (17%)
- Magenta (0%)
- Yellow (7%)
- Black (0%)



- Cyan (17%)
- Magenta (0%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 239.5040, -19.5750, -14.1910 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 239.5040, -19.5750, -14.1910 by changing the saturation by 10% instead.

■ 239.5040,
-19.5750, -14.1910

■ 239.5040,
-19.5750, -14.1910

255.0000, -0.0000,
-0.0000

■ 210.9170,
-19.3000, -13.6680

■ 183.2160,
-18.7040, -13.4560

■ 156.2160,
-18.7040, -13.4560

■ 129.9280,
-17.8330, -12.7210

■ 104.9280,
-17.8330, -12.7210

■ 80.3410, -17.5580,
-12.1980

■ 56.7540, -17.2830,

-11.6750

■ 34.2700, -18.7960,
-11.7880

■ 17.3310, -11.5980,
-10.0780

■ 239.5040,
-19.5750, -14.1910

■ 239.5040,
-19.5750, -14.1910

■ 230.8890,
-31.2650, -22.6010

■ 248.1190, -7.8850,
-5.7810

■ 221.8610,
-43.2300, -31.5340

254.4130, 0.2750,
0.5230

■ 213.2460,
-54.9200, -39.9440

■ 204.3320,
-67.2060, -48.5660

■ 195.7170,
-78.8960, -56.9760

■ 186.9880,
-90.2650, -65.6970

■ 178.0740,
-102.5510, -74.3190

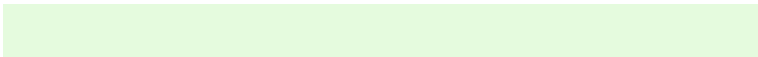
■ 169.4590,
-114.2410, -82.7290

■ 166.3120,
-118.3210, -85.8810

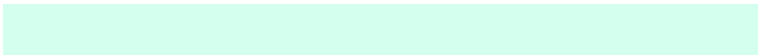
Harmonies

Analogous

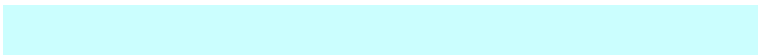
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



241.1160, -3.8030, -13.6830



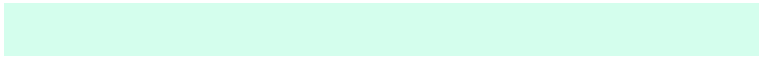
239.5040, -19.5750, -14.1910



238.7510, -30.3960, -10.8120

Triad

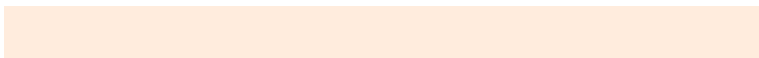
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



239.5040, -19.5750, -14.1910



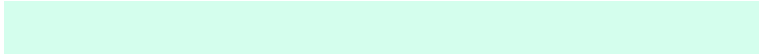
243.1720, -6.2360, 2.8840



239.9710, 16.1390, -0.6370

Complementary

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



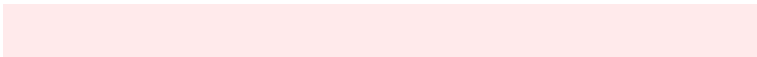
239.5040, -19.5750, -14.1910



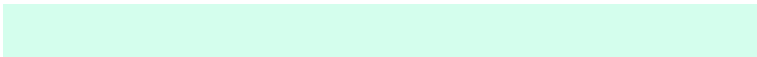
226.4960, 19.5750, 14.1910

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.



240.3930, 12.1950, 4.7630



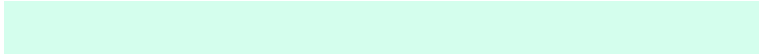
239.5040, -19.5750, -14.1910



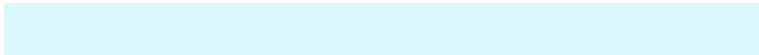
244.4340, 4.9500, 9.4140

Square

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



239.5040, -19.5750, -14.1910



240.1270, -19.5310, -3.9710



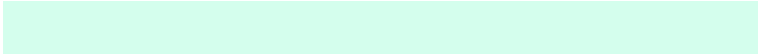
242.3310, 6.7380, 10.0500



241.9940, 17.3320, -5.7400

Rectangle

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



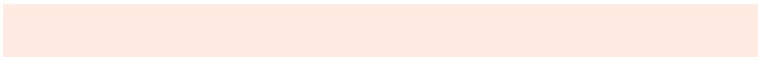
239.5040, -19.5750, -14.1910



238.2780, -30.4420, -9.9780



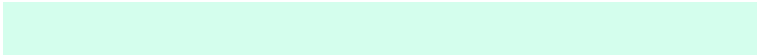
242.3310, 6.7380, 10.0500



239.8400, 15.1300, 1.1300

Sweetspot

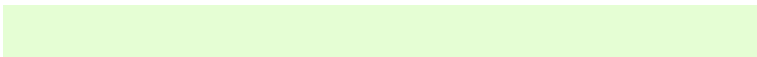
The Sweet Spot groups the original color and five complimentary colors.



239.5040, -19.5750, -14.1910



250.5430, -6.1430, -4.3110



241.7370, -1.4180, -18.3620



125.1520, -3.4840, -2.9400



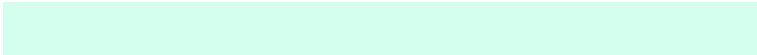
0.0000, 0.0000, 0.0000



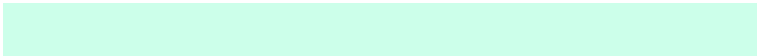
128.0000, -0.0000, -0.0000

Same Dimension

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



239.5040, -19.5750, -14.1910



237.3570, -23.6550, -17.3430



239.6810, -24.2070, -7.3350



123.4290, -5.8220, -4.6220



125.1130, -89.1190, -64.4390



41.9000, -29.7980, -21.6540

Inverse Universe

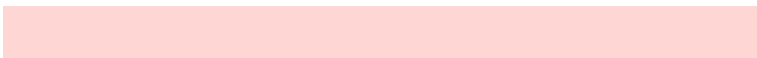
The Inverse Universe completely reimagines the original color for something new.



226.4960, 19.5750, 14.1910



221.6430, 23.6550, 17.3430



226.3190, 24.2070, 7.3350



119.4570, 6.1430, 4.3110



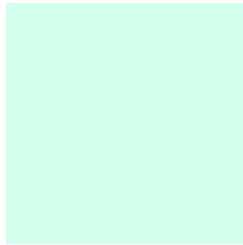
65.8870, 89.1190, 64.4390



22.1000, 29.7980, 21.6540

Previews

White Background



This preview shows how the YIQ color 239.5040, -19.5750, -14.1910 looks on a white background.

Color Contrast Check

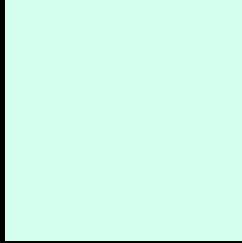
Large Text (above 18pt) WCAG AA × Fail

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 239.5040, -19.5750, -14.1910 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

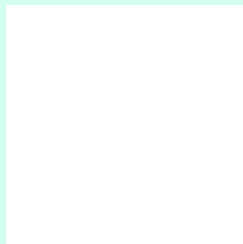
Any Text WCAG AAA ✓ Pass

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

YIQ 239.5040, -19.5750, -14.1910 Background



This preview shows how black text looks on a background with the YIQ color 239.5040, -19.5750, -14.1910.



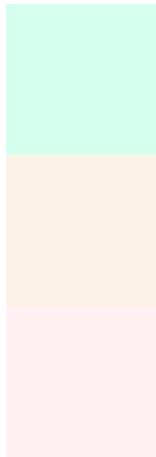
This preview shows how white text looks on a background with the YIQ color 239.5040, -19.5750, -14.1910.

-14.1910.

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

239.5040, -19.5750, -14.1910

Protanopia

244.3230, 9.2160, -1.8240

Deuteranopia

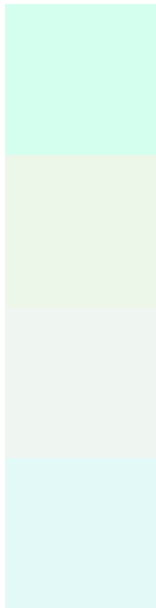
245.4140, 7.7020, 3.5900



Tritanopia

243.4380, -10.0410, 0.2550

Trichromacy



Original Color

239.5040, -19.5750, -14.1910

Protanomaly

242.4140, -1.4660, -6.4740

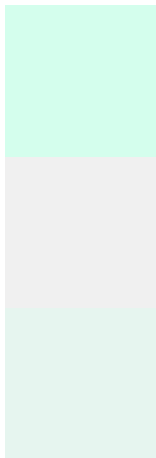
Deuteranomaly

243.3370, -2.5670, -3.0390

Tritanomaly

242.0090, -13.3870, -5.1870

Monochromacy



Original Color

239.5040, -19.5750, -14.1910

Achromatopsia

240.0000, -0.0000, -0.0000

Achromatomaly

239.8310, -7.0140, -5.0460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 239.5040, -19.5750, -14.1910 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(212, 254, 237)` looks like.

```
.text, #text, p{  
    color:rgb(212, 254, 237)  
}
```

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(212, 254, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 254, 237) }
```

Border

The CSS property to change the border of an element to YIQ 239.5040, -19.5750, -14.1910 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(212, 254, 237) }
```


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

```
.border{ border-color:rgb(212, 254, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 254, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 254, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 254, 237);  
box-shadow:4px 4px 4px 4px rgb(212, 254,  
237) }
```

Background

The CSS property to change the background color of an element to YIQ 239.5040, -19.5750, -14.1910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 254, 237) }
```

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

```
.background{ background-color: rgb(212,  
254, 237) }
```

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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