

Converting Colors

YIQ(240.0680, -21.0430,
-9.6110)

Have a look what the booklet for
YIQ(240.0680, -21.0430, -9.6110)
contains.

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Color

**YIQ(240.0680, -21.0430,
-9.6110)**

Conversions

Conversions Part 1

Format	Color
Hex	D6FCF7
RGB	214, 252, 247
RGB Percent	84%, 99%, 97%
CMY	0.1609, 0.0117, 0.0314
CMYK	0.15, 0.00, 0.02, 0.01
HSL	172°, 86%, 91%
HSV	172°, 15%, 99%
XYZ	79.3254, 90.6375, 101.2932
YIQ	240.0680, -21.0430, -9.6110

Conversions

Conversions Part 2

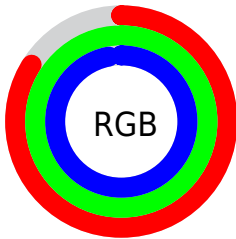
Format	Color
R _Y B	214, 234, 252
Decimal	14089463
CIE Lab	96.26, -13.13, -1.69
CIE LCh	96, 13.235, 187.326
Yxy	90.6375, 0.2924, 0.3341
Android (android.graphics.Color)	4292279543 (0xFFD6FCF7)
YUV	240.0680, 3.4175, -22.8616
Hunter-Lab	95.2037, -17.8773, 3.5603

Details

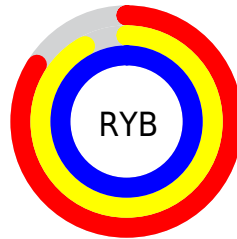
The YIQ color $240.0680, -21.0430, -9.6110$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $225.9320, 21.0430, 9.6110$, and the grayscale version is $240.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $183.7800, -20.1720, -8.8760$ is the 20% darker color. If you saturate the color by 10%, you get $232.2510, -34.9800, -15.8440$, and if you desaturate by 10%, it is $247.8850, -7.1060, -3.3780$.

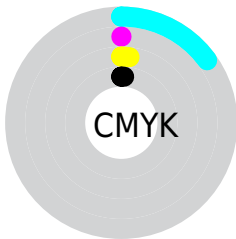
Distribution



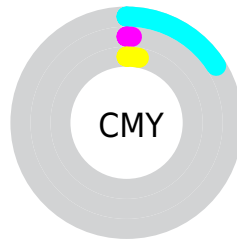
- Red (84%)
- Green (99%)
- Blue (97%)



- Red (84%)
- Yellow (92%)
- Blue (99%)



- Cyan (15%)
- Magenta (0%)
- Yellow (2%)
- Black (1%)



- Cyan (16%)
- Magenta (1%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 240.0680, -21.0430, -9.6110 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 240.0680, -21.0430, -9.6110 by changing the saturation by 10% instead.

■ 240.0680,
-21.0430, -9.6110

■ 240.0680,
-21.0430, -9.6110

255.0000, -0.0000,
-0.0000

■ 211.3670,
-20.4470, -9.3990

■ 183.7800,
-20.1720, -8.8760

■ 156.7800,
-20.1720, -8.8760

■ 130.9650,
-19.2550, -8.9750

■ 105.3780,
-18.9800, -8.4520

■ 80.7910, -18.7050,
-7.9290

■ 57.6770, -18.3840,

-8.2400

■ 34.4920, -19.3010,
-8.1410

■ 17.7700, -14.2120,
-6.7560

■ 240.0680,
-21.0430, -9.6110

■ 240.0680,
-21.0430, -9.6110

■ 232.2510,
-34.9800, -15.8440

■ 247.8850, -7.1060,
-3.3780

■ 224.3200,
-48.5960, -22.3880

■ 253.1250, 1.1460,
1.2580

■ 216.2040,
-63.1290, -28.8330

■ 253.2390, 0.8250,
1.5690

■ 208.3870,
-77.0660, -35.0660

■ 200.4560,
-90.6820, -41.6100

■ 192.6390,
-104.6190, -47.8430

■ 184.8220,
-118.5560, -54.0760

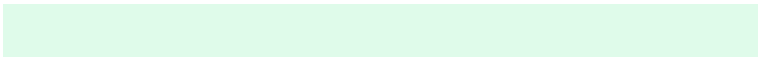
■ 176.5920,
-132.7680, -60.8320

■ 172.8900,
-139.5990, -63.6870

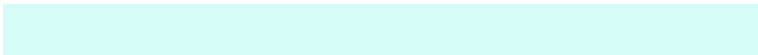
Harmonies

Analogous

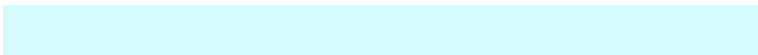
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



240.6900, -11.2310, -11.2230



240.0680, -21.0430, -9.6110



240.0940, -23.9320, -6.8120

Triad

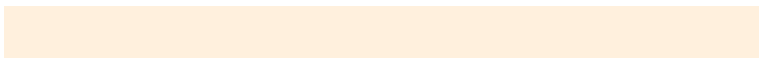
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



240.0680, -21.0430, -9.6110



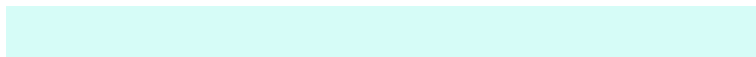
244.9990, 1.7410, 6.9970



242.3190, 15.0390, -2.7290

Complementary

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



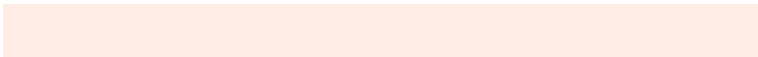
240.0680, -21.0430, -9.6110



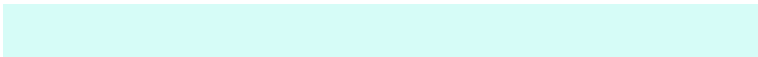
225.9320, 21.0430, 9.6110

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.



241.4700, 13.2960, 1.3280



240.0680, -21.0430, -9.6110



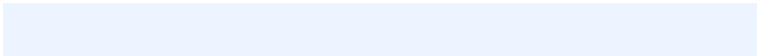
244.3200, 5.2710, 9.1030

Square

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



240.0680, -21.0430, -9.6110



242.5630, -8.8950, 1.5130



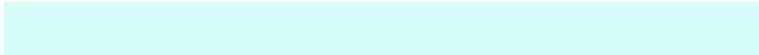
242.2510, 9.7190, 5.5830



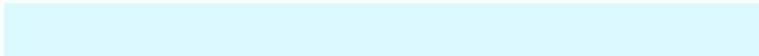
243.5420, 12.7930, -6.0790

Rectangle

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



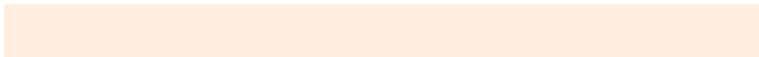
240.0680, -21.0430, -9.6110



240.1160, -20.9980, -4.9180



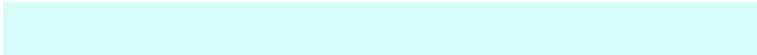
242.2510, 9.7190, 5.5830



241.9600, 14.6720, -1.5840

Sweetspot

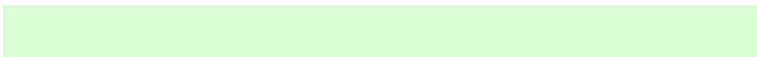
The Sweet Spot groups the original color and five complimentary colors.



240.0680, -21.0430, -9.6110



250.8850, -7.1060, -3.3780



237.8010, -7.4700, -18.8140



125.3800, -4.1260, -2.3180



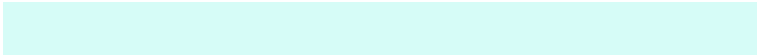
0.0000, 0.0000, 0.0000



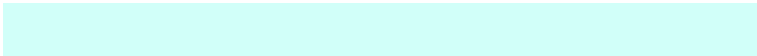
128.0000, -0.0000, -0.0000

Same Dimension

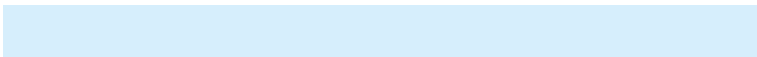
The Same Dimension uses a secret algorithm to generate beautiful new colors.



240.0680, -21.0430, -9.6110



240.5620, -25.4900, -11.6180



232.4200, -18.7980, -0.7340



120.8850, -7.1060, -3.3780



129.6390, -104.6190, -47.8430



41.8490, -33.7880, -15.4200

Inverse Universe

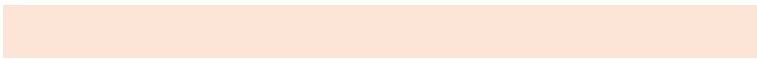
The Inverse Universe completely reimagines the original color for something new.



225.9320, 21.0430, 9.6110



223.4380, 25.4900, 11.6180



233.5800, 18.7980, 0.7340



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 240.0680, -21.0430, -9.6110 looks on a white background.

Color Contrast Check

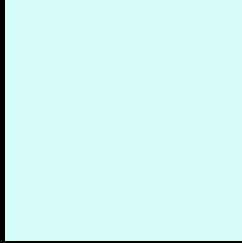
Large Text (above 18pt) WCAG AA × Fail

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 240.0680, -21.0430, -9.6110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

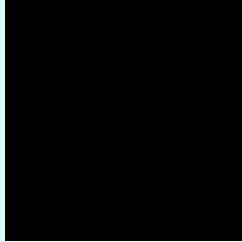
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

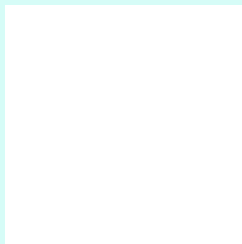
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 240.0680, -21.0430, -9.6110

Background



This preview shows how black text looks on a background with the YIQ color 240.0680, -21.0430, -9.6110.



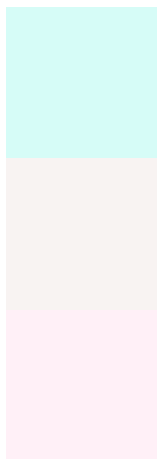
This preview shows how white text looks on a background with the YIQ color 240.0680, -21.0430, -9.6110.

-9.6110.

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

240.0680, -21.0430, -9.6110

Protanopia

244.3810, 3.3010, 0.7490

Deuteranopia

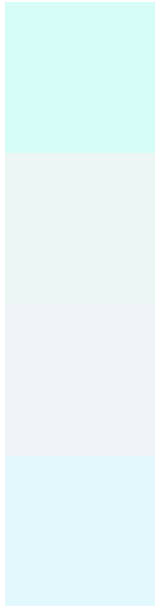
245.2830, 6.6930, 5.3570



Tritanopia

243.1390, -10.6370, 0.0430

Trichromacy



Original Color

240.0680, -21.0430, -9.6110

Protanomaly

242.7820, -5.3180, -2.7420

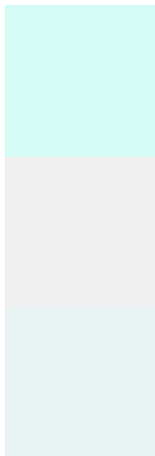
Deuteranomaly

243.1460, -3.3470, 0.0850

Tritanomaly

241.8780, -14.3960, -3.4200

Monochromacy



Original Color

240.0680, -21.0430, -9.6110

Achromatopsia

240.0000, -0.0000, -0.0000

Achromatomaly

239.9990, -7.4270, -3.0670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 240.0680, -21.0430, -9.6110 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(214, 252, 247)` looks like.

```
.text, #text, p{  
    color:rgb(214, 252, 247)  
}
```

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(214, 252, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 252, 247) }
```

Border

The CSS property to change the border of an element to YIQ 240.0680, -21.0430, -9.6110 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(214, 252, 247) }
```


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

```
.border{ border-color:rgb(214, 252, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 252, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 252, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 252, 247);  
box-shadow:4px 4px 4px 4px rgb(214, 252,  
247) }
```

Background

The CSS property to change the background color of an element to YIQ 240.0680, -21.0430, -9.6110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 252, 247) }
```

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

```
.background{ background-color: rgb(214,  
252, 247) }
```

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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