

Converting Colors

YIQ(240.3350, -17.4210,
-9.1730)

Have a look what the booklet for
YIQ(240.3350, -17.4210, -9.1730)
contains.

YIQ(240.3350, -17.4210, -9.1730)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(240.3350, -17.4210,
-9.1730)**

Conversions

Conversions Part 1

Format	Color
Hex	DAFBF4
RGB	218, 251, 244
RGB Percent	85%, 98%, 96%
CMY	0.1452, 0.0156, 0.0432
CMYK	0.13, 0.00, 0.03, 0.02
HSL	167°, 81%, 92%
HSV	167°, 13%, 98%
XYZ	79.7353, 90.4359, 98.8284
YIQ	240.3350, -17.4210, -9.1730

Conversions

Conversions Part 2

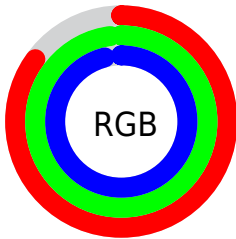
Format	Color
R _Y B	218, 236, 251
Decimal	14351348
CIE Lab	96.18, -11.96, -0.23
CIE LCh	96, 11.961, 181.125
Yxy	90.4359, 0.2964, 0.3362
Android (android.graphics.Color)	4292541428 (0xFFDAFBF4)
YUV	240.3350, 1.8068, -19.5878
Hunter-Lab	95.0978, -16.7567, 4.9525

Details

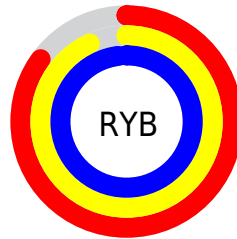
The YIQ color $240.3350, -17.4210, -9.1730$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $228.6650, 17.4210, 9.1730$, and the grayscale version is $240.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $184.0470, -16.5500, -8.4380$ is the 20% darker color. If you saturate the color by 10%, you get $232.2900, -30.7160, -16.0280$, and if you desaturate by 10%, it is $248.3800, -4.1260, -2.3180$.

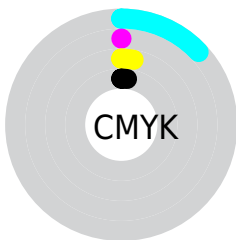
Distribution



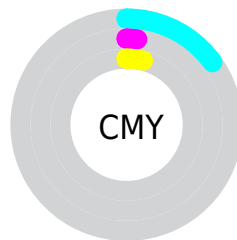
- Red (85%)
- Green (98%)
- Blue (96%)



- Red (85%)
- Yellow (93%)
- Blue (98%)



- Cyan (13%)
- Magenta (0%)
- Yellow (3%)
- Black (2%)



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

Brightness & Saturation Gradients

These gradients show how the YIQ color 240.3350, -17.4210, -9.1730 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 240.3350, -17.4210, -9.1730 by changing the saturation by 10% instead.

240.3350,
-17.4210, -9.1730

240.3350,
-17.4210, -9.1730

255.0000, -0.0000,
-0.0000

211.7480,
-17.1460, -8.6500

184.0470,
-16.5500, -8.4380

157.0470,
-16.5500, -8.4380

131.3460,
-15.9540, -8.2260

105.6450,
-15.3580, -8.0140

81.6450, -15.3580,
-8.0140

58.0580, -15.0830,

-7.4910

■ 36.0580, -15.0830,
-7.4910

■ 16.9550, -13.2950,
-6.8550

■ 240.3350,
-17.4210, -9.1730

■ 240.3350,
-17.4210, -9.1730

■ 232.2900,
-30.7160, -16.0280

■ 248.3800, -4.1260,
-2.3180

■ 224.1310,
-43.6900, -23.1940

■ 252.6520, 1.1000,
2.0920

■ 216.0860,
-56.9850, -30.0490

■ 208.0410,
-70.2800, -36.9040

■ 199.5830,
-83.8500, -44.2820

■ 191.5380,
-97.1450, -51.1370

■ 183.4930,
-110.4400, -57.9920

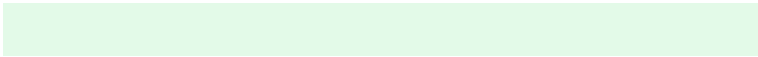
■ 175.3340,
-123.4140, -65.1580

■ 169.9090,
-132.5830, -69.6950

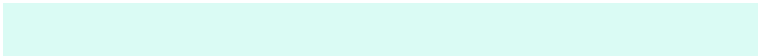
Harmonies

Analogous

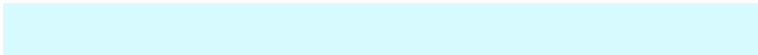
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



241.0710, -7.9300, -10.4740



240.3350, -17.4210, -9.1730



240.1050, -22.4650, -5.8650

Triad

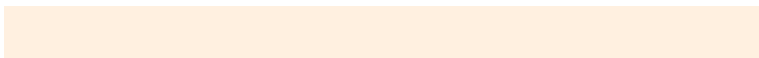
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



240.3350, -17.4210, -9.1730



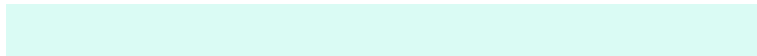
244.3900, -0.9180, 5.6260



242.6610, 14.0760, -1.7960

Complementary

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



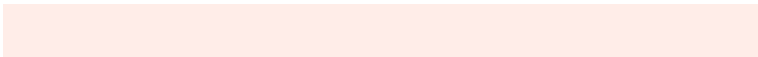
240.3350, -17.4210, -9.1730



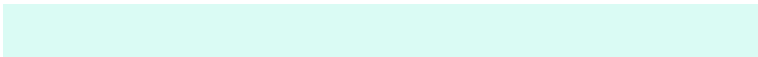
228.6650, 17.4210, 9.1730

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.



241.8120, 12.3330, 2.2610



240.3350, -17.4210, -9.1730



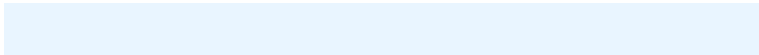
245.0210, 4.6750, 8.8910

Square

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



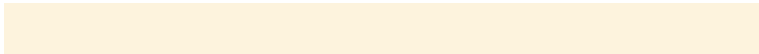
240.3350, -17.4210, -9.1730



242.5520, -10.3620, 0.5660



242.5930, 8.7560, 6.5160



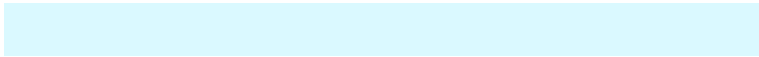
243.4820, 13.0220, -4.7220

Rectangle

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



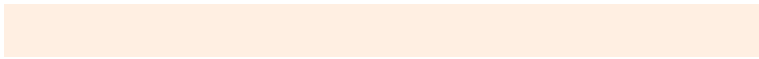
240.3350, -17.4210, -9.1730



240.4150, -20.4020, -4.7060



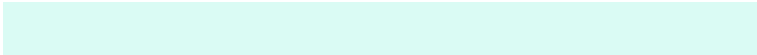
242.5930, 8.7560, 6.5160



242.3020, 13.7090, -0.6510

Sweetspot

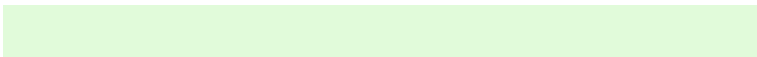
The Sweet Spot groups the original color and five complimentary colors.



240.3350, -17.4210, -9.1730



251.7820, -5.3180, -2.7420



239.4640, -4.9030, -15.7750



125.6790, -3.5300, -2.1060



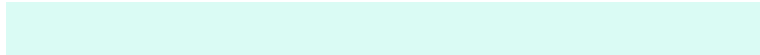
0.0000, 0.0000, 0.0000



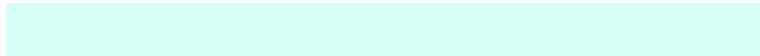
128.0000, -0.0000, -0.0000

Same Dimension

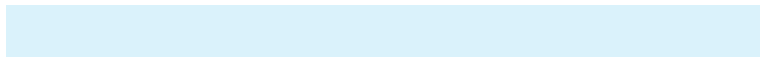
The Same Dimension uses a secret algorithm to generate beautiful new colors.



240.3350, -17.4210, -9.1730



241.7150, -21.5470, -11.4910



235.8500, -17.1930, -2.2890



120.7710, -6.7850, -3.6890



127.9290, -99.8040, -52.5080



41.2790, -32.1830, -16.9750

Inverse Universe

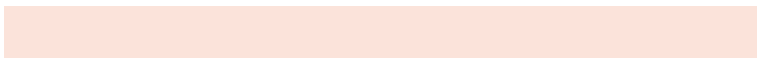
The Inverse Universe completely reimagines the original color for something new.



228.6650, 17.4210, 9.1730



227.2850, 21.5470, 11.4910



233.1500, 17.1930, 2.2890



116.2290, 6.7850, 3.6890



61.0710, 99.8040, 52.5080



19.7210, 32.1830, 16.9750

Previews

White Background



This preview shows how the YIQ color 240.3350, -17.4210, -9.1730 looks on a white background.

Color Contrast Check

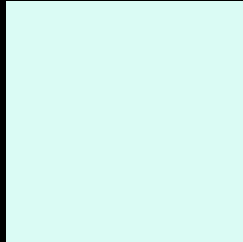
Large Text (above 18pt) WCAG AA × Fail

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 240.3350, -17.4210, -9.1730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

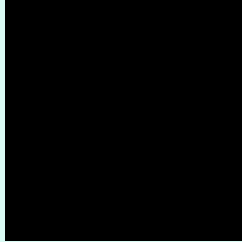
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

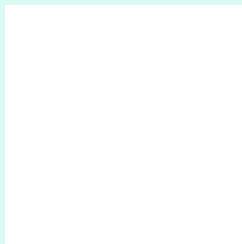
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 240.3350, -17.4210, -9.1730

Background



This preview shows how black text looks on a background with the YIQ color 240.3350, -17.4210, -9.1730.



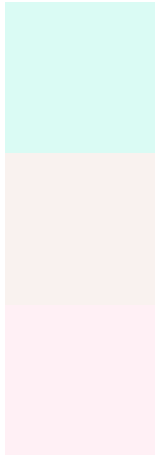
This preview shows how white text looks on a background with the YIQ color 240.3350, -17.4210, -9.1730.

-9.1730.

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

240.3350, -17.4210, -9.1730

Protanopia

243.7510, 5.1350, 0.5510

Deuteranopia

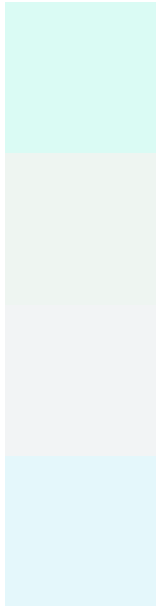
245.0550, 7.3350, 4.7350



Tritanopia

242.8510, -9.7660, 0.7780

Trichromacy



Original Color

240.3350, -17.4210, -9.1730

Protanomaly

242.4510, -2.8880, -2.7280

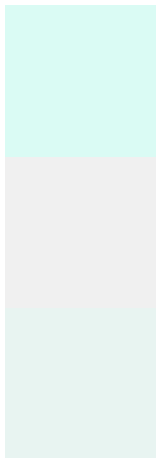
Deuteranomaly

243.5160, -1.5130, -0.1130

Tritanomaly

241.7750, -12.6080, -2.7840

Monochromacy



Original Color

240.3350, -17.4210, -9.1730

Achromatopsia

240.0000, -0.0000, -0.0000

Achromatomaly

240.0700, -6.1890, -3.4770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 240.3350, -17.4210, -9.1730 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, 251, 244)` looks like.

```
.text, #text, p{  
    color:rgb(218, 251, 244)  
}
```

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, 251, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 251, 244) }
```

Border

The CSS property to change the border of an element to YIQ 240.3350, -17.4210, -9.1730 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, 251, 244) }
```


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

```
.border{ border-color:rgb(218, 251, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 251, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 251, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 251, 244);  
box-shadow:4px 4px 4px 4px rgb(218, 251,  
244) }
```

Background

The CSS property to change the background color of an element to YIQ 240.3350, -17.4210, -9.1730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 251, 244) }
```

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

```
.background{ background-color: rgb(218,  
251, 244) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor