

Converting Colors

YIQ(240.5740, -16.5960,
-7.6040)

Have a look what the booklet for
YIQ(240.5740, -16.5960, -7.6040)
contains.

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Color

**YIQ(240.5740, -16.5960,
-7.6040)**

Conversions

Conversions Part 1

Format	Color
Hex	DCFAF6
RGB	220, 250, 246
RGB Percent	86%, 98%, 96%
CMY	0.1373, 0.0195, 0.0353
CMYK	0.12, 0.00, 0.02, 0.02
HSL	172°, 75%, 92%
HSV	172°, 12%, 98%
XYZ	80.3311, 90.2446, 100.3609
YIQ	240.5740, -16.5960, -7.6040

Conversions

Conversions Part 2

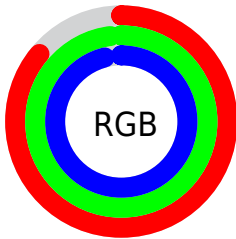
Format	Color
R _Y B	220, 236, 250
Decimal	14482166
CIE Lab	96.10, -10.45, -1.37
CIE LCh	96, 10.535, 187.456
Yxy	90.2446, 0.2965, 0.3331
Android (android.graphics.Color)	4292672246 (0xFFDCFAF6)
YUV	240.5740, 2.6750, -18.0434
Hunter-Lab	94.9972, -15.3026, 3.8603

Details

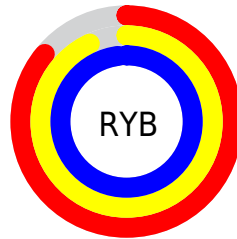
The YIQ color $240.5740, -16.5960, -7.6040$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $229.4260, 16.5960, 7.6040$, and the grayscale version is $241.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $184.8730, -16.0000, -7.3920$ is the 20% darker color. If you saturate the color by 10%, you get $232.7570, -30.5330, -13.8370$, and if you desaturate by 10%, it is $248.3910, -2.6590, -1.3710$.

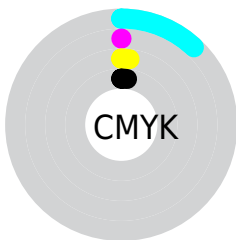
Distribution



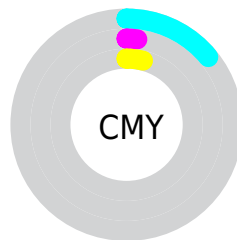
- Red (86%)
- Green (98%)
- Blue (96%)



- Red (86%)
- Yellow (93%)
- Blue (98%)



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



- Cyan (14%)
- Magenta (2%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 240.5740, -16.5960, -7.6040 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 240.5740, -16.5960, -7.6040 by changing the saturation by 10% instead.

240.5740,
-16.5960, -7.6040

240.5740,
-16.5960, -7.6040

255.0000, -0.0000,
-0.0000

211.9870,
-16.3210, -7.0810

184.8730,
-16.0000, -7.3920

157.2860,
-15.7250, -6.8690

131.4710,
-14.8080, -6.9680

105.8840,
-14.5330, -6.4450

81.8840, -14.5330,
-6.4450

58.2970, -14.2580,

-5.9220

■ 36.2970, -14.2580,
-5.9220

■ 16.4820, -13.3410,
-6.0210

■ 240.5740,
-16.5960, -7.6040

■ 240.5740,
-16.5960, -7.6040

■ 232.7570,
-30.5330, -13.8370

■ 248.3910, -2.6590,
-1.3710

■ 224.8260,
-44.1490, -20.3810

■ 251.8370, 2.0170,
1.9930

■ 217.0090,
-58.0860, -26.6140

■ 252.0650, 1.3750,
2.6150

■ 209.1920,
-72.0230, -32.8470

■ 201.2610,
-85.6390, -39.3910

■ 193.4440,
-99.5760, -45.6240

■ 185.5130,
-113.1920, -52.1680

■ 177.6960,
-127.1290, -58.4010

■ 171.3740,
-138.0860, -63.5740

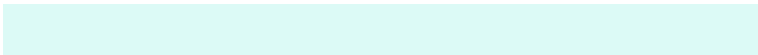
Harmonies

Analogous

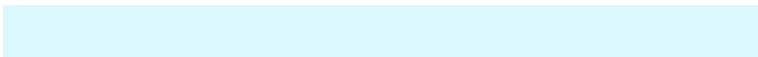
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



240.9400, -8.9390, -8.7070



240.5740, -16.5960, -7.6040



240.7140, -19.8060, -4.4940

Triad

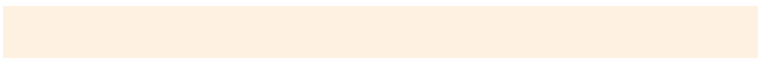
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



240.5740, -16.5960, -7.6040



244.4010, 0.5490, 6.5730



243.3620, 13.4800, -2.0080

Complementary

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



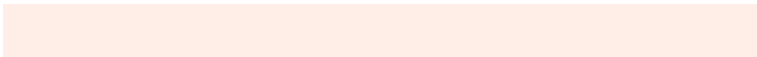
240.5740, -16.5960, -7.6040



229.4260, 16.5960, 7.6040

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.



242.3990, 12.0580, 1.7380



240.5740, -16.5960, -7.6040



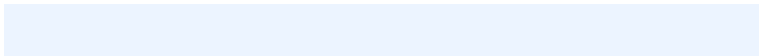
244.6790, 5.6380, 7.9580

Square

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



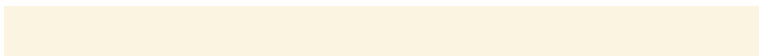
240.5740, -16.5960, -7.6040



242.8620, -8.2990, 1.7250



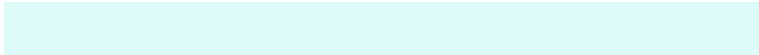
242.8380, 9.4440, 5.0600



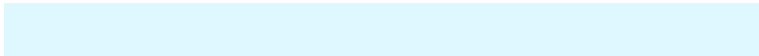
243.5140, 9.9960, -4.9480

Rectangle

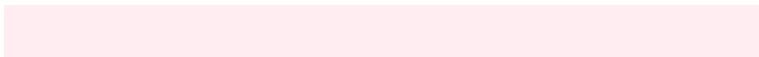
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



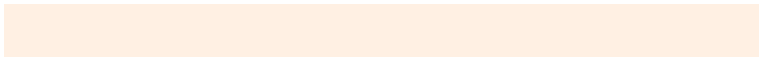
240.5740, -16.5960, -7.6040



241.3230, -17.1470, -3.1230



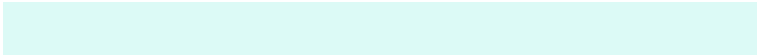
242.8380, 9.4440, 5.0600



243.0030, 13.1130, -0.8630

Sweetspot

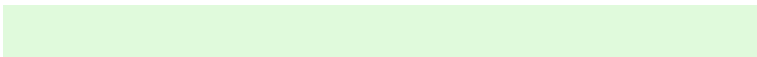
The Sweet Spot groups the original color and five complimentary colors.



240.5740, -16.5960, -7.6040



251.8960, -5.6390, -2.4310



238.8060, -5.8660, -14.8420



125.7930, -3.8510, -1.7950



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

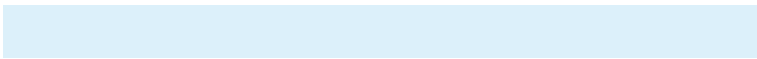
The Same Dimension uses a secret algorithm to generate beautiful new colors.



240.5740, -16.5960, -7.6040



243.6660, -19.8510, -9.1870



235.1600, -15.1300, -1.1300



120.8850, -7.1060, -3.3780



129.5250, -104.2980, -48.1540



41.8490, -33.7880, -15.4200

Inverse Universe

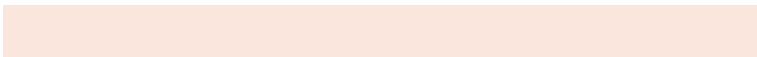
The Inverse Universe completely reimagines the original color for something new.



229.4260, 16.5960, 7.6040



230.3340, 19.8510, 9.1870



234.8400, 15.1300, 1.1300



116.1150, 7.1060, 3.3780



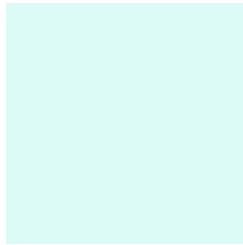
59.3610, 104.6190, 47.8430



19.1510, 33.7880, 15.4200

Previews

White Background



This preview shows how the YIQ color 240.5740, -16.5960, -7.6040 looks on a white background.

Color Contrast Check

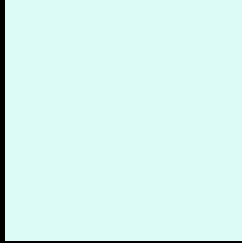
Large Text (above 18pt) WCAG AA × Fail

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 240.5740, -16.5960, -7.6040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

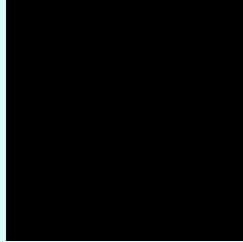
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

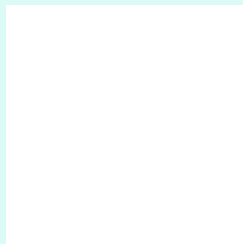
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 240.5740, -16.5960, -7.6040

Background



This preview shows how black text looks on a background with the YIQ color 240.5740, -16.5960, -7.6040.



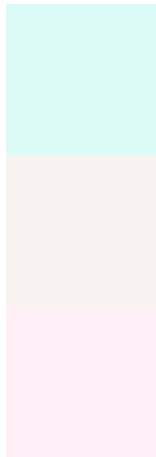
This preview shows how white text looks on a background with the YIQ color 240.5740, -16.5960, -7.6040.

-7.6040.

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

240.5740, -16.5960, -7.6040

Protanopia

243.6800, 3.8970, 0.9610

Deuteranopia

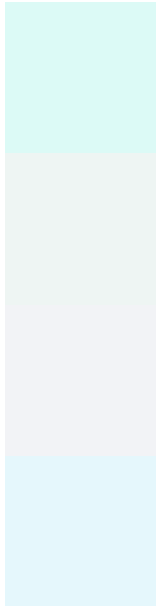
244.5820, 7.2890, 5.5690



Tritanopia

242.8510, -9.7660, 0.7780

Trichromacy



Original Color

240.5740, -16.5960, -7.6040

Protanomaly

242.6790, -3.5300, -2.1060

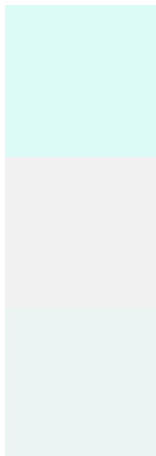
Deuteranomaly

243.0430, -1.5590, 0.7210

Tritanomaly

242.1880, -12.3330, -2.2610

Monochromacy



Original Color

240.5740, -16.5960, -7.6040

Achromatopsia

241.0000, -0.0000, -0.0000

Achromatomaly

240.5970, -6.2350, -2.6430

CSS Examples

Text

The CSS property to change the color of the text to YIQ 240.5740, -16.5960, -7.6040 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(220, 250, 246)` looks like.

```
.text, #text, p{  
    color:rgb(220, 250, 246)  
}
```

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(220, 250, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 250, 246) }
```

Border

The CSS property to change the border of an element to YIQ 240.5740, -16.5960, -7.6040 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(220, 250, 246) }
```


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

```
.border{ border-color:rgb(220, 250, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 250, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 250, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 250, 246);  
box-shadow:4px 4px 4px 4px rgb(220, 250,  
246) }
```

Background

The CSS property to change the background color of an element to YIQ 240.5740, -16.5960, -7.6040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 250, 246) }
```

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

```
.background{ background-color: rgb(220,  
250, 246) }
```

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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