

Converting Colors

YIQ(236.4040, -4.6740,
-14.4180)

Have a look what the booklet for
YIQ(236.4040, -4.6740, -14.4180)
contains.

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Color

**YIQ(236.4040, -4.6740,
-14.4180)**

Conversions

Conversions Part 1

Format	Color
Hex	DFF7D9
RGB	223, 247, 217
RGB Percent	87%, 97%, 85%
CMY	0.1256, 0.0313, 0.1490
CMYK	0.10, 0.00, 0.12, 0.03
HSL	108°, 65%, 91%
HSV	108°, 12%, 97%
XYZ	76.2138, 87.2224, 78.4652
YIQ	236.4040, -4.6740, -14.4180

Conversions

Conversions Part 2

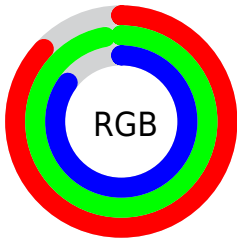
Format	Color
R _Y B	217, 247, 241
Decimal	14677977
CIE Lab	94.83, -13.21, 11.78
CIE LCh	95, 17.700, 138.270
Yxy	87.2224, 0.3151, 0.3606
Android (android.graphics.Color)	4292868057 (0xFFDFF7D9)
YUV	236.4040, -9.5662, -11.7553
Hunter-Lab	93.3929, -17.7716, 15.5619

Details

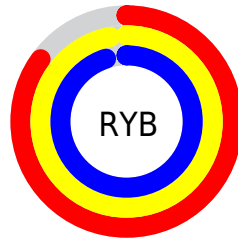
The YIQ color $236.4040, -4.6740, -14.4180$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $227.5960, 4.6740, 14.4180$, and the grayscale version is $237.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $180.8170, -4.3990, -13.8950$ is the 20% darker color. If you saturate the color by 10%, you get $227.5740, -8.5690, -26.4330$, and if you desaturate by 10%, it is $245.2340, -0.7790, -2.4030$.

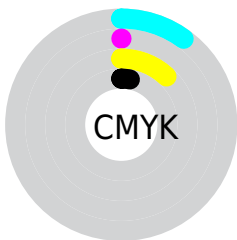
Distribution



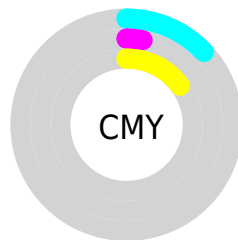
- Red (87%)
- Green (97%)
- Blue (85%)



- Red (85%)
- Yellow (97%)
- Blue (95%)



- Cyan (10%)
- Magenta (0%)
- Yellow (12%)
- Black (3%)



- Cyan (13%)
- Magenta (3%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 236.4040, -4.6740, -14.4180 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 236.4040, -4.6740, -14.4180 by changing the saturation by 10% instead.

■ 236.4040, -4.6740,
-14.4180

■ 236.4040, -4.6740,
-14.4180

255.0000, -0.0000,
-0.0000

■ 207.8170, -4.3990,
-13.8950

■ 180.8170, -4.3990,
-13.8950

■ 153.9310, -4.7200,
-13.5840

■ 127.3440, -4.4450,
-13.0610

■ 102.7570, -4.1700,
-12.5380

■ 78.2840, -4.2160,
-11.7040

■ 55.3980, -4.5370,

-11.3930

■ 33.8110, -4.2620,
-10.8700

■ 12.9140, -6.0500,
-11.5060

■ 236.4040, -4.6740,
-14.4180

■ 236.4040, -4.6740,
-14.4180

■ 227.5740, -8.5690,
-26.4330

■ 245.2340, -0.7790,
-2.4030

■ 218.8580,
-12.7850, -38.1370

■ 250.3040, 2.2000,
4.1840

■ 210.3270,
-16.0840, -49.9400

■ 201.4970,
-19.9790, -61.9550

■ 192.6670,
-23.8740, -73.9700

■ 183.9510,
-28.0900, -85.6740

■ 175.4200,
-31.3890, -97.4770

■ 166.5900,
-35.2840, -109.4920

■ 159.6400,
-38.7210, -118.7930

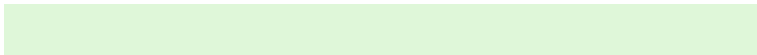
Harmonies

Analogous

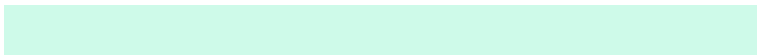
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



238.4230, 11.5100, -10.3620



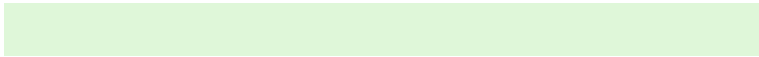
236.4040, -4.6740, -14.4180



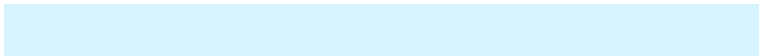
234.9060, -20.7670, -14.6150

Triad

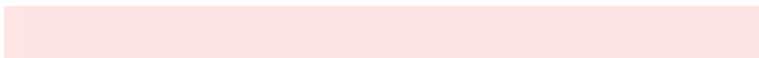
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



236.4040, -4.6740, -14.4180



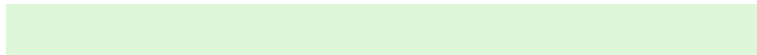
236.2840, -21.4110, -2.9390



236.8880, 15.1750, 5.8230

Complementary

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



236.4040, -4.6740, -14.4180



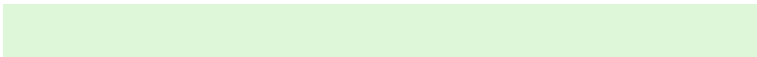
227.5960, 4.6740, 14.4180

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.



238.9400, 9.3970, 11.4210



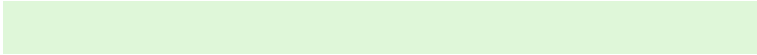
236.4040, -4.6740, -14.4180



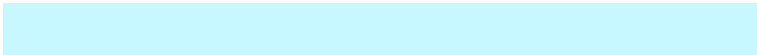
239.0410, -7.2450, 4.6510

Square

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



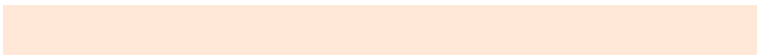
236.4040, -4.6740, -14.4180



234.1470, -31.4510, -8.2110



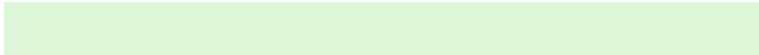
242.0860, 6.0500, 11.5060



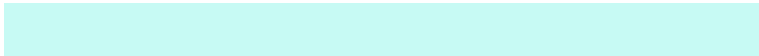
236.9390, 19.1650, -0.4110

Rectangle

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



236.4040, -4.6740, -14.4180



234.0670, -28.4700, -12.6780



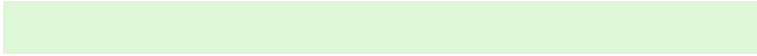
242.0860, 6.0500, 11.5060



236.9850, 13.5240, 8.2120

Sweetspot

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



236.4040, -4.6740, -14.4180



251.4680, -1.5580, -4.8060



240.0580, 11.2800, -6.1920



125.4080, -1.3290, -3.4490



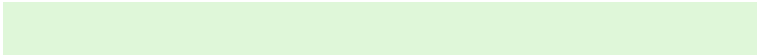
0.0000, 0.0000, 0.0000



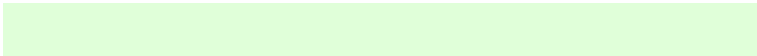
128.0000, -0.0000, -0.0000

Same Dimension

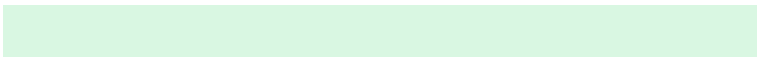
The Same Dimension uses a secret algorithm to generate beautiful new colors.



236.4040, -4.6740, -14.4180



241.3990, -6.2780, -18.3900



235.6360, -11.1390, -12.8910



117.9410, -1.5120, -5.6400



120.2450, -29.0980, -89.4340



38.2210, -9.0730, -28.3130

Inverse Universe

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



227.5960, 4.6740, 14.4180



230.3020, 5.6820, 18.1780



228.3640, 11.1390, 12.8910



114.3580, 2.1080, 5.8520



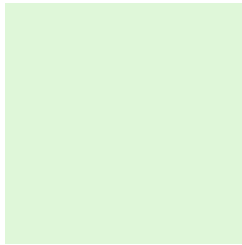
65.7550, 29.0980, 89.4340



20.7790, 9.0730, 28.3130

Previews

White Background



This preview shows how the YIQ color 236.4040, -4.6740, -14.4180 looks on a white background.

Color Contrast Check

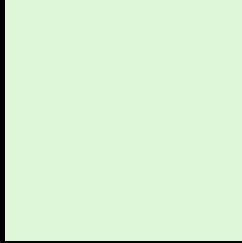
Large Text (above 18pt) WCAG AA × Fail

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 236.4040, -4.6740, -14.4180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

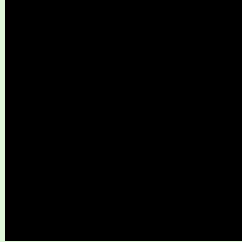
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

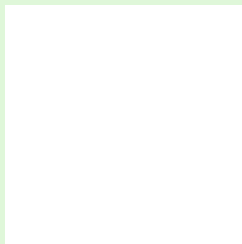
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 236.4040, -4.6740, -14.4180

Background



This preview shows how black text looks on a background with the YIQ color 236.4040, -4.6740, -14.4180.



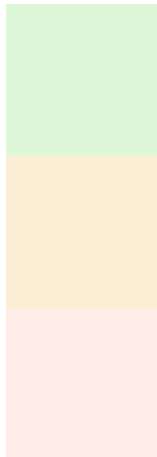
This preview shows how white text looks on a background with the YIQ color 236.4040, -4.6740,

-14.4180.

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

236.4040, -4.6740, -14.4180

Protanopia

239.3250, 14.9020, -5.7540

Deuteranopia

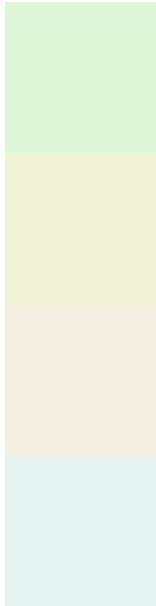
241.1110, 12.9290, 2.4730



Tritanopia

239.9050, -9.8580, 2.4460

Trichromacy



Original Color

236.4040, -4.6740, -14.4180

Protanomaly

238.2100, 7.7960, -9.1320

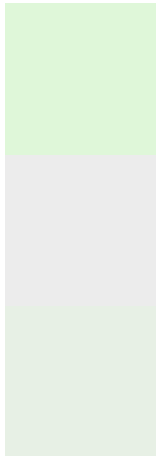
Deuteranomaly

239.3010, 6.2820, -3.7180

Tritanomaly

238.5860, -7.7020, -3.5900

Monochromacy



Original Color

236.4040, -4.6740, -14.4180

Achromatopsia

236.0000, 0.0000, -0.0000

Achromatomaly

236.0550, -1.8330, -5.3290

CSS Examples

Text

The CSS property to change the color of the text to YIQ 236.4040, -4.6740, -14.4180 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(223, 247, 217)` looks like.

```
.text, #text, p{  
    color:rgb(223, 247, 217)  
}
```

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(223, 247, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 247, 217) }
```

Border

The CSS property to change the border of an element to YIQ 236.4040, -4.6740, -14.4180 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(223, 247, 217) }
```


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

```
.border{ border-color:rgb(223, 247, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 247, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 247, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 247, 217);  
box-shadow:4px 4px 4px 4px rgb(223, 247,  
217) }
```

Background

The CSS property to change the background color of an element to YIQ 236.4040, -4.6740, -14.4180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 247, 217) }
```

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

```
.background{ background-color: rgb(223,  
247, 217) }
```

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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