

Converting Colors

YIQ(241.3840, -1.9220,
-20.2420)

Have a look what the booklet for
YIQ(241.3840, -1.9220, -20.2420)
contains.

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Color

**YIQ(241.3840, -1.9220,
-20.2420)**

Conversions

Conversions Part 1

Format	Color
Hex	E3FFD1
RGB	227, 255, 209
RGB Percent	89%, 100%, 82%
CMY	0.1099, 0.0000, 0.1804
CMYK	0.11, 0.00, 0.18, 0.00
HSL	97°, 100%, 91%
HSV	97°, 18%, 100%
XYZ	78.9404, 92.4507, 74.0104
YIQ	241.3840, -1.9220, -20.2420

Conversions

Conversions Part 2

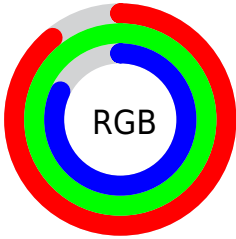
Format	Color
R _Y B	209, 255, 237
Decimal	14942161
CIE Lab	97.00, -17.10, 18.99
CIE LCh	97, 25.548, 132.001
Yxy	92.4507, 0.3217, 0.3767
Android (android.graphics.Color)	4293132241 (0xFFE3FFD1)
YUV	241.3840, -15.9653, -12.6148
Hunter-Lab	96.1513, -21.7160, 21.6687

Details

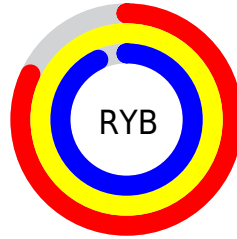
The YIQ color $241.3840, -1.9220, -20.2420$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $222.6160, 1.9220, 20.2420$, and the grayscale version is $242.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $184.9110, -1.9680, -19.4080$ is the 20% darker color. If you saturate the color by 10%, you get $233.7500, -3.4330, -31.4090$, and if you desaturate by 10%, it is $249.1320, -0.7320, -8.7640$.

Distribution



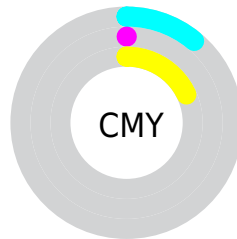
- Red (89%)
- Green (100%)
- Blue (82%)



- Red (82%)
- Yellow (100%)
- Blue (93%)



- Cyan (11%)
- Magenta (0%)
- Yellow (18%)
- Black (0%)




- Cyan (11%)
- Magenta (0%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 241.3840, -1.9220, -20.2420 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 241.3840, -1.9220, -20.2420 by changing the saturation by 10% instead.

 241.3840, -1.9220,
-20.2420

 241.3840, -1.9220,
-20.2420

255.0000, -0.0000,
-0.0000


 212.7970, -1.6470,
-19.7190

 184.9110, -1.9680,
-19.4080

 158.3240, -1.6930,
-18.8850

 131.8510, -1.7390,
-18.0510

 106.9650, -2.0600,
-17.7400

 82.1930, -2.7020,
-17.1180

 58.7200, -2.7480,

-16.2840

■ 36.7200, -2.7480,
-16.2840

■ 16.4360, -7.7000,
-14.6440

■ 241.3840, -1.9220,
-20.2420

■ 241.3840, -1.9220,
-20.2420

■ 233.7500, -3.4330,
-31.4090

■ 249.1320, -0.7320,
-8.7640

■ 226.3010, -4.0270,
-42.6750

255.0000, -0.0000,
-0.0000

■ 218.6670, -5.5380,
-53.8420

■ 211.2180, -6.1320,
-65.1080

■ 203.5840, -7.6430,
-76.2750

■ 196.1350, -8.2370,
-87.5410

■ 188.5010, -9.7480,
-98.7080

■ 181.0520,
-10.3420, -109.9740

■ 179.5850,
-10.5250, -112.1650

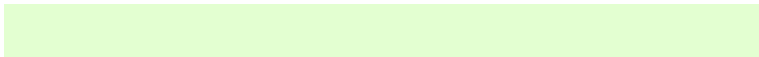
Harmonies

Analogous

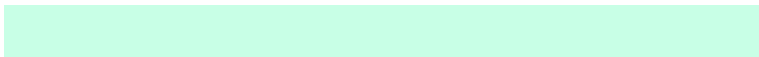
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



244.3930, 20.2220, -14.0660



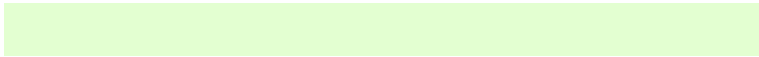
241.3840, -1.9220, -20.2420



235.7050, -24.7550, -19.4350

Triad

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



241.3840, -1.9220, -20.2420



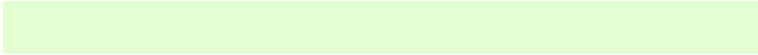
237.3810, -32.2300, -10.6140



237.6860, 12.9280, 8.0000

Complementary

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



241.3840, -1.9220, -20.2420



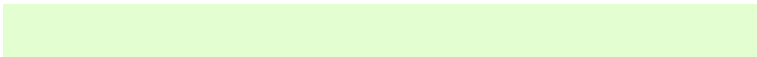
222.6160, 1.9220, 20.2420

Split Complementary

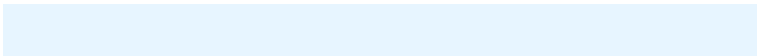
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



240.9120, 6.6000, 12.5520



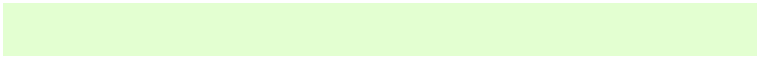
241.3840, -1.9220, -20.2420



241.9540, -11.5540, 0.1420

Square

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



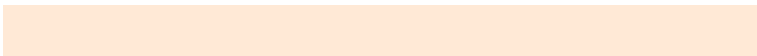
241.3840, -1.9220, -20.2420



232.8740, -44.1040, -15.6880



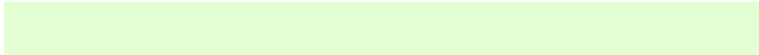
244.4340, 4.9500, 9.4140



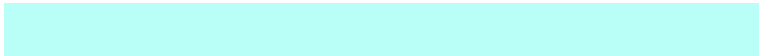
237.4120, 19.2110, -1.2450

Rectangle

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



241.3840, -1.9220, -20.2420



233.4570, -38.5560, -17.1160



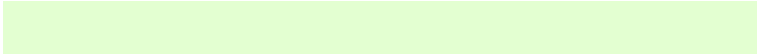
244.4340, 4.9500, 9.4140



238.7120, 10.0390, 10.7990

Sweetspot

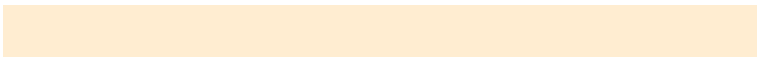
The Sweet Spot groups the original color and five complimentary colors.



241.3840, -1.9220, -20.2420



251.1260, -0.5950, -5.7390



239.1900, 19.7160, -4.8920



125.5930, -0.4120, -3.5480



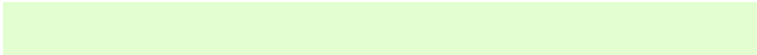
0.0000, 0.0000, 0.0000



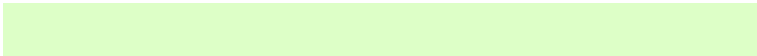
128.0000, -0.0000, -0.0000

Same Dimension

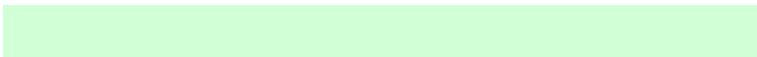
The Same Dimension uses a secret algorithm to generate beautiful new colors.



241.3840, -1.9220, -20.2420



238.4500, -2.2880, -24.6240



236.5720, -14.2550, -22.5030



124.1260, -0.5950, -5.7390



134.5420, -7.8250, -83.9930



45.0430, -2.7000, -28.1720

Inverse Universe

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



222.6160, 1.9220, 20.2420



215.5500, 2.2880, 24.6240



227.4280, 14.2550, 22.5030



118.8740, 0.5950, 5.7390



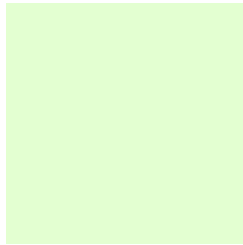
56.7570, 8.4210, 84.2050



18.9570, 2.7000, 28.1720

Previews

White Background



This preview shows how the YIQ color 241.3840, -1.9220, -20.2420 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 241.3840, -1.9220, -20.2420 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

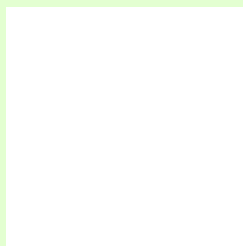
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 241.3840, -1.9220, -20.2420

Background



This preview shows how black text looks on a background with the YIQ color 241.3840, -1.9220, -20.2420.



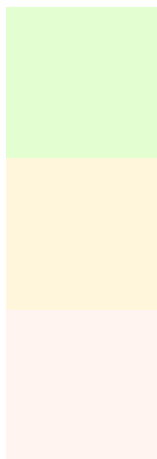
This preview shows how white text looks on a background with the YIQ color 241.3840, -1.9220,

-20.2420.

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

241.3840, -1.9220, -20.2420

Protanopia

245.7270, 13.7100, -6.1780

Deuteranopia

246.7190, 8.1610, 0.7770



Tritanopia

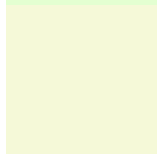
245.8300, -5.2730, 1.9510

Trichromacy



Original Color

241.3840, -1.9220, -20.2420



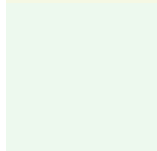
Protanomaly

244.0420, 8.2090, -11.1110



Deuteranomaly

244.8230, 4.6320, -6.8560



Tritanomaly

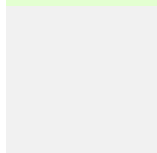
244.1580, -3.6210, -5.9650

Monochromacy



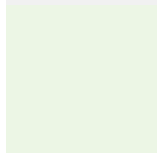
Original Color

241.3840, -1.9220, -20.2420



Achromatopsia

241.0000, -0.0000, -0.0000



Achromatomaly

241.0720, -0.5030, -7.4070

CSS Examples

Text

The CSS property to change the color of the text to YIQ 241.3840, -1.9220, -20.2420 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(227, 255, 209)` looks like.

```
.text, #text, p{  
    color:rgb(227, 255, 209)  
}
```

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(227, 255, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 255, 209) }
```

Border

The CSS property to change the border of an element to YIQ 241.3840, -1.9220, -20.2420 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(227, 255, 209) }
```


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

```
.border{ border-color:rgb(227, 255, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 255, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 255, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 255, 209);  
box-shadow:4px 4px 4px 4px rgb(227, 255,  
209) }
```

Background

The CSS property to change the background color of an element to YIQ 241.3840, -1.9220, -20.2420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 255, 209) }
```

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

```
.background{ background-color: rgb(227,  
255, 209) }
```

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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