

Converting Colors

YIQ(242.4340, 3.8090, -19.4790)

Have a look what the booklet for
YIQ(242.4340, 3.8090, -19.4790)
contains.

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Color

**YIQ(242.4340, 3.8090,
-19.4790)**

Conversions

Conversions Part 1

Format	Color
Hex	EAFECD
RGB	234, 254, 205
RGB Percent	92%, 100%, 80%
CMY	0.0824, 0.0039, 0.1960
CMYK	0.08, 0.00, 0.19, 0.00
HSL	85°, 96%, 90%
HSV	85°, 19%, 100%
XYZ	80.3907, 92.7864, 71.4387
YIQ	242.4340, 3.8090, -19.4790

Conversions

Conversions Part 2

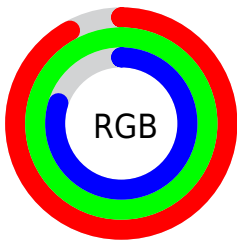
Format	Color
R _Y B	205, 254, 225
Decimal	15400653
CIE Lab	97.14, -14.82, 21.28
CIE LCh	97, 25.936, 124.858
Yxy	92.7864, 0.3286, 0.3793
Android (android.graphics.Color)	4293590733 (0xFFEAFECD)
YUV	242.4340, -18.4550, -7.3966
Hunter-Lab	96.3257, -19.5989, 23.4563

Details

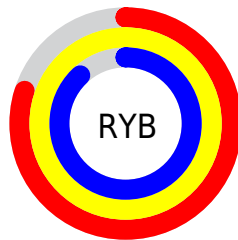
The YIQ color $242.4340, 3.8090, -19.4790$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $216.5660, -3.8090, 19.4790$, and the grayscale version is $243.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $186.0750, 3.4420, -18.3340$ is the 20% darker color. If you saturate the color by 10%, you get $236.5940, 5.8740, -29.3740$, and if you desaturate by 10%, it is $248.2740, 1.7440, -9.5840$.

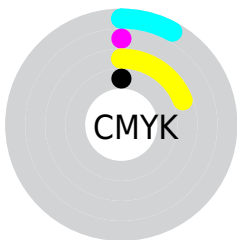
Distribution



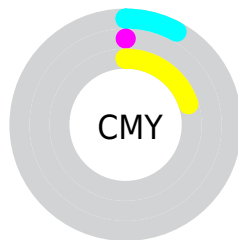
- Red (92%)
- Green (100%)
- Blue (80%)



- Red (80%)
- Yellow (100%)
- Blue (88%)



- Cyan (8%)
- Magenta (0%)
- Yellow (19%)
- Black (0%)



- Cyan (8%)
- Magenta (0%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 242.4340, 3.8090, -19.4790 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 242.4340, 3.8090, -19.4790 by changing the saturation by 10% instead.


 242.4340, 3.8090,
-19.4790


 242.4340, 3.8090,
-19.4790


255.0000, -0.0000,
-0.0000


 213.8470, 4.0840,
-18.9560

 186.0750, 3.4420,
-18.3340

 159.1890, 3.1210,
-18.0230

 133.1890, 3.1210,
-18.0230

 107.7160, 3.0750,
-17.1890

 82.9440, 2.4330,
-16.5670

 60.0580, 2.1120,

-16.2560

■ 37.3570, 2.7080,
-16.0440

■ 16.4470, -6.2330,
-13.6970

■ 242.4340, 3.8090,
-19.4790

■ 242.4340, 3.8090,
-19.4790

■ 236.5940, 5.8740,
-29.3740

■ 248.2740, 1.7440,
-9.5840

■ 230.3410, 7.6640,
-39.7920

254.4130, 0.2750,
0.5230

■ 224.5010, 9.7290,
-49.6870

■ 218.2480, 11.5190,
-60.1050

■ 212.4080, 13.5840,
-70.0000

■ 206.5680, 15.6490,
-79.8950

■ 200.3150, 17.4390,
-90.3130

■ 194.4750, 19.5040,
-100.2080

■ 193.9480, 19.5500,
-101.0420

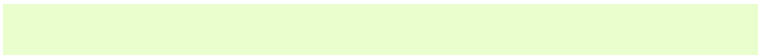
Harmonies

Analogous

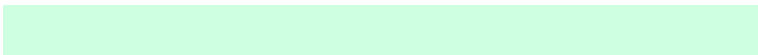
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



243.1050, 21.0930, -13.3310



242.4340, 3.8090, -19.4790



236.9290, -19.5740, -19.7180

Triad

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



242.4340, 3.8090, -19.4790



236.4620, -36.9520, -13.1440



238.3700, 11.0020, 9.8660

Complementary

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



242.4340, 3.8090, -19.4790



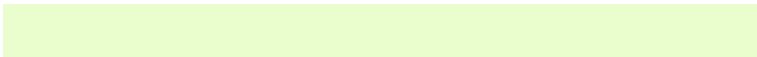
216.5660, -3.8090, 19.4790

Split Complementary

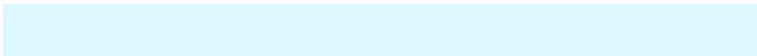
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



241.4990, 6.3250, 12.0290



242.4340, 3.8090, -19.4790



241.3230, -17.1470, -3.1230

Square

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



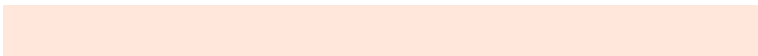
242.4340, 3.8090, -19.4790



231.9770, -45.8920, -16.3240



245.6080, 4.4000, 8.3680



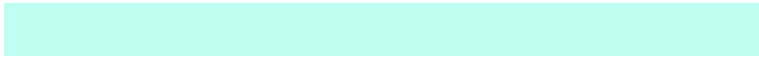
236.8080, 18.1560, 1.3560

Rectangle

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



242.4340, 3.8090, -19.4790



233.9690, -34.2460, -18.1340



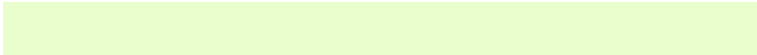
245.6080, 4.4000, 8.3680



239.3960, 8.1130, 12.6650

Sweetspot

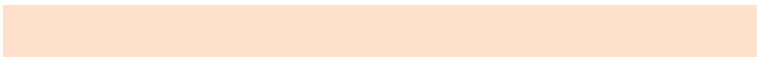
The Sweet Spot groups the original color and five complimentary colors.



242.4340, 3.8090, -19.4790



251.4960, 1.2390, -5.9370



231.3910, 23.7040, -0.0720



125.7780, 0.5050, -3.6470



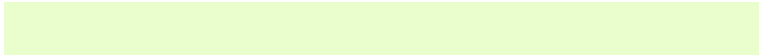
0.0000, 0.0000, 0.0000



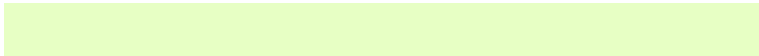
128.0000, -0.0000, -0.0000

Same Dimension

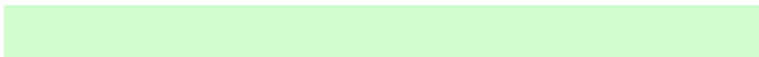
The Same Dimension uses a secret algorithm to generate beautiful new colors.



242.4340, 3.8090, -19.4790



241.0980, 4.6350, -23.4370



235.2580, -10.4950, -24.5670



124.7240, 0.5970, -5.3150



145.9040, 14.8230, -75.9370



48.9300, 5.0480, -25.4160

Inverse Universe

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



216.5660, -3.8090, 19.4790



209.9020, -4.6350, 23.4370



223.7420, 10.4950, 24.5670



117.9770, -1.1930, 5.1030



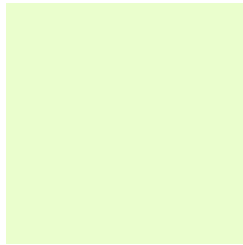
45.0960, -14.8230, 75.9370



15.0700, -5.0480, 25.4160

Previews

White Background



This preview shows how the YIQ color 242.4340, 3.8090, -19.4790 looks on a white background.

Color Contrast Check

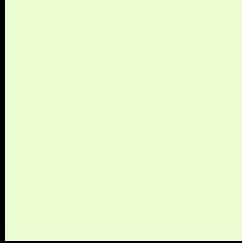
Large Text (above 18pt) WCAG AA × Fail

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 242.4340, 3.8090, -19.4790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

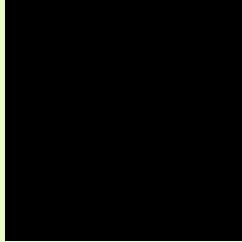
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

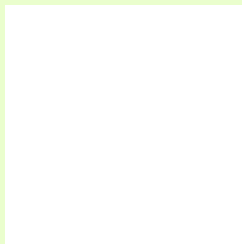
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 242.4340, 3.8090, -19.4790

Background



This preview shows how black text looks on a background with the YIQ color 242.4340, 3.8090, -19.4790.



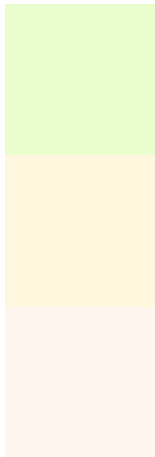
This preview shows how white text looks on a background with the YIQ color 242.4340, 3.8090, -19.4790.

-19.4790.

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

242.4340, 3.8090, -19.4790

Protanopia

245.9550, 13.0680, -5.5560

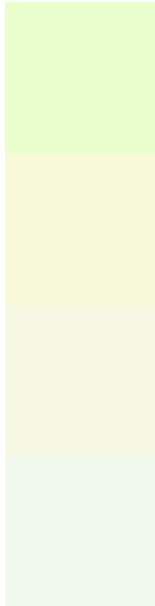
Deuteranopia

247.3060, 7.8860, 0.2540

Tritanopia

246.7270, -3.4850, 2.5870

Trichromacy



Original Color

242.4340, 3.8090, -19.4790

Protanomaly

244.6400, 9.4010, -10.6870

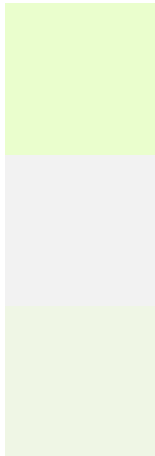
Deuteranomaly

245.3070, 6.1450, -6.7430

Tritanomaly

245.2400, -0.9160, -5.4280

Monochromacy



Original Color

242.4340, 3.8090, -19.4790

Achromatopsia

242.0000, -0.0000, 0.0000

Achromatomaly

241.9690, 1.2850, -6.7710

CSS Examples

Text

The CSS property to change the color of the text to YIQ 242.4340, 3.8090, -19.4790 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(234, 254, 205)` looks like.

```
.text, #text, p{  
    color:rgb(234, 254, 205)  
}
```

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(234, 254, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 254, 205) }
```

Border

The CSS property to change the border of an element to YIQ 242.4340, 3.8090, -19.4790 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(234, 254, 205) }
```


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

```
.border{ border-color:rgb(234, 254, 205) }
```

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

Here you see how a box with a 4 pixel rgb(234, 254, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 254, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 254, 205);  
box-shadow:4px 4px 4px 4px rgb(234, 254,  
205) }
```

Background

The CSS property to change the background color of an element to YIQ 242.4340, 3.8090, -19.4790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 254, 205) }
```

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

```
.background{ background-color: rgb(234,  
254, 205) }
```

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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