

Converting Colors

YIQ(244.1940, 4.7250, -14.0510)

Have a look what the booklet for
YIQ(244.1940, 4.7250, -14.0510)
contains.

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Color

**YIQ(244.1940, 4.7250,
-14.0510)**

Conversions

Conversions Part 1

Format	Color
Hex	F0FCD7
RGB	240, 252, 215
RGB Percent	94%, 99%, 84%
CMY	0.0589, 0.0117, 0.1568
CMYK	0.05, 0.00, 0.15, 0.01
HSL	79°, 86%, 92%
HSV	79°, 15%, 99%
XYZ	83.0100, 93.0538, 77.8842
YIQ	244.1940, 4.7250, -14.0510

Conversions

Conversions Part 2

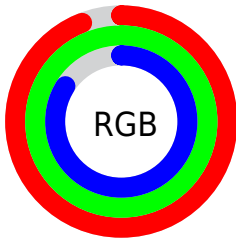
Format	Color
R_{YB}	215, 252, 227
Decimal	15793367
CIE _{Lab}	97.25, -10.21, 16.39
CIE _{LCh}	97, 19.312, 121.919
Yxy	93.0538, 0.3269, 0.3664
Android (android.graphics.Color)	4293983447 (0xFFFF0FCD7)
YUV	244.1940, -14.3926, -3.6781
Hunter-Lab	96.4644, -15.2091, 19.6550

Details

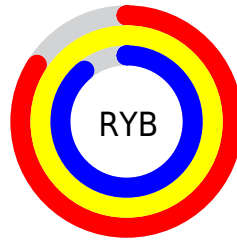
The YIQ color $244.1940, 4.7250, -14.0510$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $222.8060, -4.7250, 14.0510$, and the grayscale version is $244.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $187.7210, 4.6790, -13.2170$ is the 20% darker color. If you saturate the color by 10%, you get $238.9520, 7.9820, -23.5220$, and if you desaturate by 10%, it is $249.4360, 1.4680, -4.5800$.

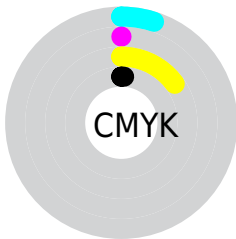
Distribution



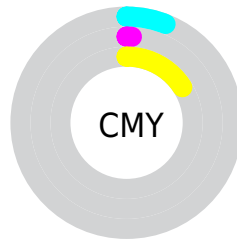
- Red (94%)
- Green (99%)
- Blue (84%)



- Red (84%)
- Yellow (99%)
- Blue (89%)



- Cyan (5%)
- Magenta (0%)
- Yellow (15%)
- Black (1%)





- Cyan (6%)
- Magenta (1%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 244.1940, 4.7250, -14.0510 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 244.1940, 4.7250, -14.0510 by changing the saturation by 10% instead.


 244.1940, 4.7250,
-14.0510

 244.1940, 4.7250,
-14.0510


255.0000, -0.0000,
-0.0000


 215.6070, 5.0000,
-13.5280

 187.7210, 4.6790,
-13.2170

 160.8350, 4.3580,
-12.9060

 134.9490, 4.0370,
-12.5950

 109.0630, 3.7160,
-12.2840

 85.1770, 3.3950,
-11.9730

 61.7040, 3.3490,

-11.1390

■ 39.8180, 3.0280,
-10.8280

■ 19.4480, 1.1940,
-10.6300

■ 244.1940, 4.7250,
-14.0510

■ 244.1940, 4.7250,
-14.0510

■ 238.9520, 7.9820,
-23.5220

■ 249.4360, 1.4680,
-4.5800

■ 233.7100, 11.2390,
-32.9930

■ 253.2390, 0.8250,
1.5690

■ 228.0550, 14.2210,
-42.9870

■ 222.8130, 17.4780,
-52.4580

■ 217.5710, 20.7350,
-61.9290

■ 212.3290, 23.9920,
-71.4000

■ 207.0870, 27.2490,
-80.8710

■ 201.4320, 30.2310,
-90.8650

■ 198.7540, 32.0200,
-95.7560

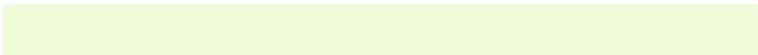
Harmonies

Analogous

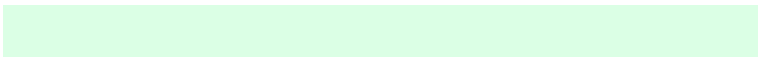
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



244.5870, 16.9200, -9.2880



244.1940, 4.7250, -14.0510



241.2720, -13.1100, -15.7180

Triad

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



244.1940, 4.7250, -14.0510



240.3600, -27.7370, -9.4410



241.7610, 8.3430, 8.4950

Complementary

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



244.1940, 4.7250, -14.0510



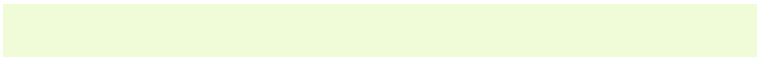
222.8060, -4.7250, 14.0510

Split Complementary

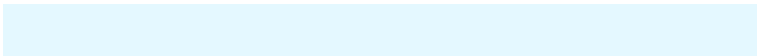
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



244.4340, 4.9500, 9.4140



244.1940, 4.7250, -14.0510



242.8180, -14.1670, -2.0630

Square

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



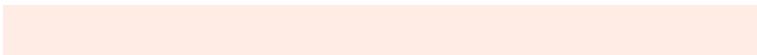
244.1940, 4.7250, -14.0510



238.2560, -33.3760, -11.8720



246.4720, 1.7870, 6.1630



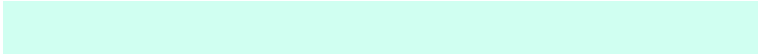
240.7690, 13.8920, 1.5400

Rectangle

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



244.1940, 4.7250, -14.0510



239.3510, -23.5180, -14.3180



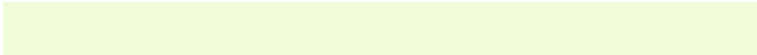
246.4720, 1.7870, 6.1630



243.0320, 6.1420, 9.8380

Sweetspot

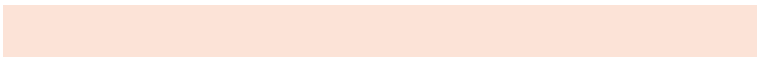
The Sweet Spot groups the original color and five complimentary colors.



244.1940, 4.7250, -14.0510



252.9630, 1.4220, -3.7460



233.1070, 18.7520, 1.5680



126.3050, 0.4590, -2.8130



0.0000, 0.0000, 0.0000



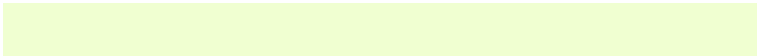
128.0000, -0.0000, -0.0000

Same Dimension

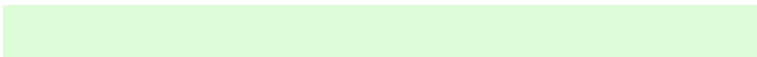
The Same Dimension uses a secret algorithm to generate beautiful new colors.



244.1940, 4.7250, -14.0510



245.2710, 5.8260, -17.4860



238.8120, -6.0030, -17.8670



122.3220, 1.7890, -4.8910



148.9160, 23.7170, -71.9230



48.0660, 7.6610, -23.2110

Inverse Universe

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



222.8060, -4.7250, 14.0510



218.7290, -5.8260, 17.4860



228.1880, 6.0030, 17.8670



114.9770, -1.1930, 5.1030



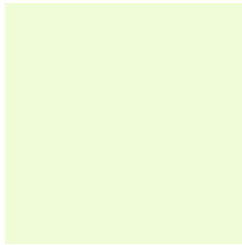
39.7850, -24.3130, 71.7110



12.9340, -7.6610, 23.2110

Previews

White Background



This preview shows how the YIQ color 244.1940, 4.7250, -14.0510 looks on a white background.

Color Contrast Check

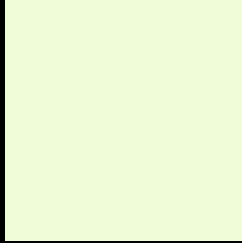
Large Text (above 18pt) WCAG AA × Fail

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 244.1940, 4.7250, -14.0510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

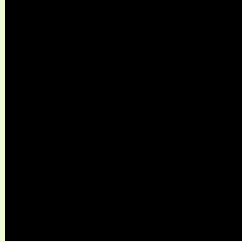
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

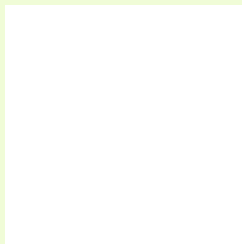
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 244.1940, 4.7250, -14.0510

Background



This preview shows how black text looks on a background with the YIQ color 244.1940, 4.7250, -14.0510.



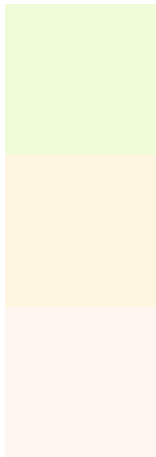
This preview shows how white text looks on a background with the YIQ color 244.1940, 4.7250,

-14.0510.

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

244.1940, 4.7250, -14.0510

Protanopia

246.2970, 12.1050, -4.6230

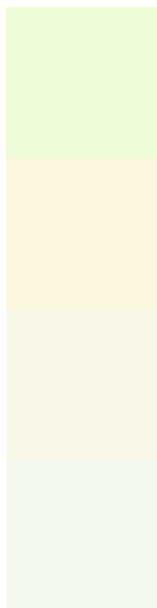
Deuteranopia

247.5340, 7.2440, 0.8760

Tritanopia

247.3250, -2.2930, 3.0110

Trichromacy



Original Color

244.1940, 4.7250, -14.0510

Protanomaly

245.5200, 9.8590, -7.9730

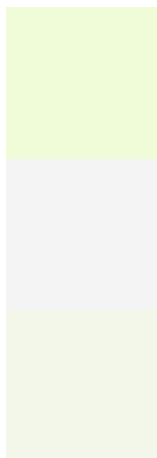
Deuteranomaly

246.7740, 6.3280, -4.5520

Tritanomaly

245.8920, 0.1840, -3.3360

Monochromacy



Original Color

244.1940, 4.7250, -14.0510

Achromatopsia

244.0000, 0.0000, -0.0000

Achromatomaly

244.2080, 2.1100, -5.2020

CSS Examples

Text

The CSS property to change the color of the text to YIQ 244.1940, 4.7250, -14.0510 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(240, 252, 215)` looks like.

```
.text, #text, p{  
    color:rgb(240, 252, 215)  
}
```

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(240, 252, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 252, 215) }
```

Border

The CSS property to change the border of an element to YIQ 244.1940, 4.7250, -14.0510 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(240, 252, 215) }
```


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

```
.border{ border-color:rgb(240, 252, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 252, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 252, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 252, 215);  
box-shadow:4px 4px 4px 4px rgb(240, 252,  
215) }
```

Background

The CSS property to change the background color of an element to YIQ 244.1940, 4.7250, -14.0510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 252, 215) }
```

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

```
.background{ background-color: rgb(240,  
252, 215) }
```

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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