

Converting Colors

YIQ(241.5940, -2.1530,
-10.5450)

Have a look what the booklet for
YIQ(241.5940, -2.1530, -10.5450)
contains.

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Color

**YIQ(241.5940, -2.1530,
-10.5450)**

Conversions

Conversions Part 1

Format	Color
Hex	E9F9E2
RGB	233, 249, 226
RGB Percent	91%, 98%, 89%
CMY	0.0863, 0.0235, 0.1137
CMYK	0.06, 0.00, 0.09, 0.02
HSL	102°, 66%, 93%
HSV	102°, 9%, 98%
XYZ	81.2054, 90.5680, 85.1546
YIQ	241.5940, -2.1530, -10.5450

Conversions

Conversions Part 2

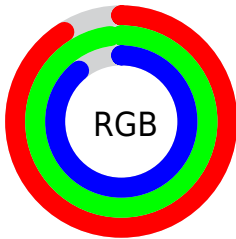
Format	Color
R _{YB}	226, 249, 242
Decimal	15333858
CIE Lab	96.23, -9.31, 9.24
CIE LCh	96, 13.117, 135.236
Yxy	90.5680, 0.3161, 0.3525
Android (android.graphics.Color)	4293523938 (0xFFE9F9E2)
YUV	241.5940, -7.6878, -7.5369
Hunter-Lab	95.1672, -14.2300, 13.5650

Details

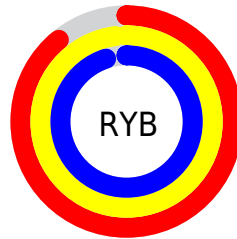
The YIQ color $241.5940, -2.1530, -10.5450$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $233.4060, 2.1530, 10.5450$, and the grayscale version is $242.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $185.7080, -2.4740, -10.2340$ is the 20% darker color. If you saturate the color by 10%, you get $233.6610, -4.2600, -21.9240$, and if you desaturate by 10%, it is $249.5270, -0.0460, 0.8340$.

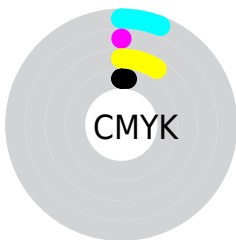
Distribution



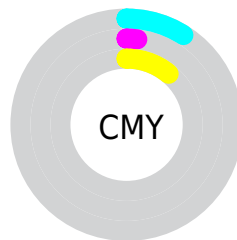
- Red (91%)
- Green (98%)
- Blue (89%)



- Red (89%)
- Yellow (98%)
- Blue (95%)



- Cyan (6%)
- Magenta (0%)
- Yellow (9%)
- Black (2%)



- Cyan (9%)
- Magenta (2%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 241.5940, -2.1530, -10.5450 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 241.5940, -2.1530, -10.5450 by changing the saturation by 10% instead.

 241.5940, -2.1530,
-10.5450

 241.5940, -2.1530,
-10.5450


255.0000, -0.0000,
-0.0000


 213.0070, -1.8780,
-10.0220

 185.7080, -2.4740,
-10.2340

 158.4200, -1.6030,
-9.4990

 132.5340, -1.9240,
-9.1880

 107.5340, -1.9240,
-9.1880

 82.9470, -1.6490,
-8.6650

 60.0610, -1.9700,

-8.3540

■ 38.1750, -2.2910,
-8.0430

■ 16.1920, -0.9610,
-10.1210

■ 241.5940, -2.1530,
-10.5450

■ 241.5940, -2.1530,
-10.5450

■ 233.6610, -4.2600,
-21.9240

■ 249.5270, -0.0460,
0.8340

■ 225.4290, -6.9630,
-33.5150

■ 251.4780, 1.6500,
3.1380

■ 217.4960, -9.0700,
-44.8940

■ 209.5630,
-11.1770, -56.2730

■ 201.3310,
-13.8800, -67.8640

■ 193.5120,
-16.3080, -78.9320

■ 185.5790,
-18.4150, -90.3110

■ 177.3470,
-21.1180, -101.9020

■ 169.4140,
-23.2250, -113.2810

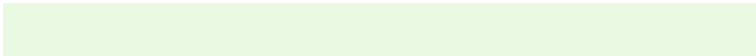
Harmonies

Analogous

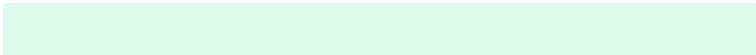
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



243.0470, 9.8130, -7.1390



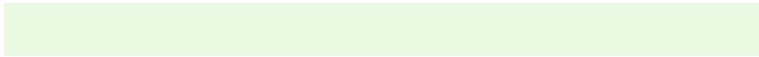
241.5940, -2.1530, -10.5450



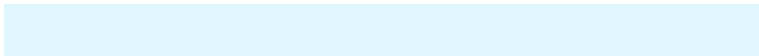
240.1350, -13.9820, -10.9260

Triad

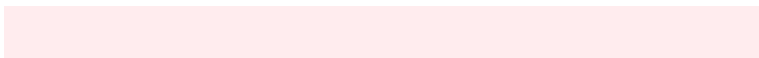
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



241.5940, -2.1530, -10.5450



241.0350, -16.2760, -2.3880



241.9090, 10.6820, 4.6500

Complementary

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



241.5940, -2.1530, -10.5450



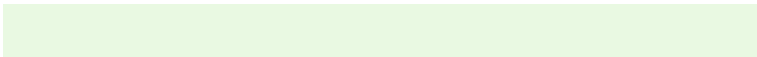
233.4060, 2.1530, 10.5450

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.



243.3910, 6.5090, 8.6930



241.5940, -2.1530, -10.5450



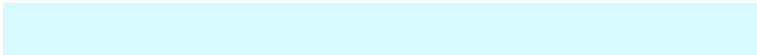
243.1720, -6.2360, 2.8840

Square

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



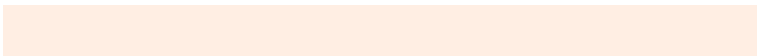
241.5940, -2.1530, -10.5450



239.8060, -23.0610, -6.0770



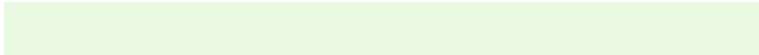
245.6080, 4.4000, 8.3680



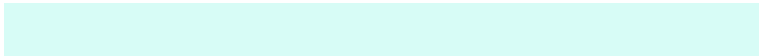
241.8290, 13.6630, 0.1830

Rectangle

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



241.5940, -2.1530, -10.5450



240.2530, -20.1260, -9.7100



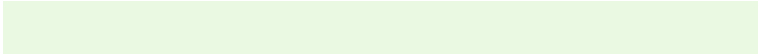
245.6080, 4.4000, 8.3680



242.3650, 9.3980, 5.8940

Sweetspot

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



241.5940, -2.1530, -10.5450



252.5930, -0.4120, -3.5480



242.2690, 9.3080, -3.4920



126.1200, -0.4580, -2.7140



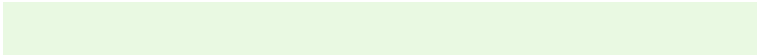
0.0000, 0.0000, 0.0000



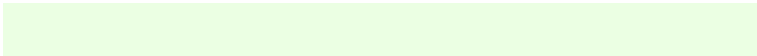
128.0000, -0.0000, -0.0000

Same Dimension

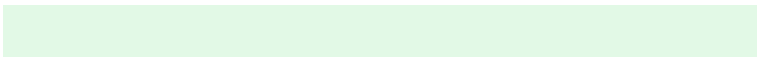
The Same Dimension uses a secret algorithm to generate beautiful new colors.



241.5940, -2.1530, -10.5450



245.8280, -2.9320, -12.9480



239.9570, -7.6090, -10.7850



120.8270, -1.1910, -5.9510



127.9860, -18.0030, -86.7630



41.4880, -5.4510, -27.8750

Inverse Universe

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



233.4060, 2.1530, 10.5450



235.8730, 2.3360, 12.7360



235.0430, 7.6090, 10.7850



116.1730, 1.1910, 5.9510



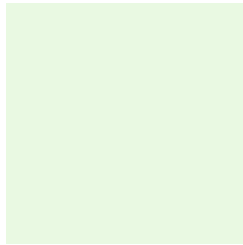
60.7150, 17.4070, 86.5510



19.8110, 6.0470, 28.0870

Previews

White Background



This preview shows how the YIQ color 241.5940, -2.1530, -10.5450 looks on a white background.

Color Contrast Check

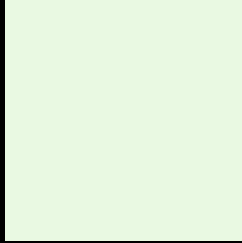
Large Text (above 18pt) WCAG AA × Fail

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 241.5940, -2.1530, -10.5450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

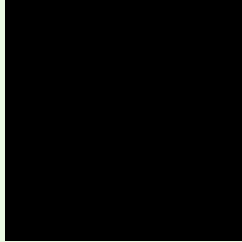
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

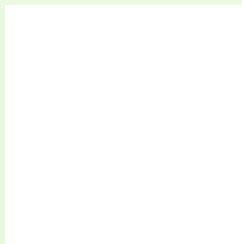
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 241.5940, -2.1530, -10.5450

Background



This preview shows how black text looks on a background with the YIQ color 241.5940, -2.1530, -10.5450.



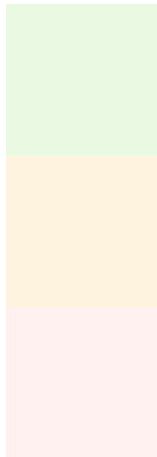
This preview shows how white text looks on a background with the YIQ color 241.5940, -2.1530,

-10.5450.

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

241.5940, -2.1530, -10.5450

Protanopia

243.7100, 12.3800, -4.1000

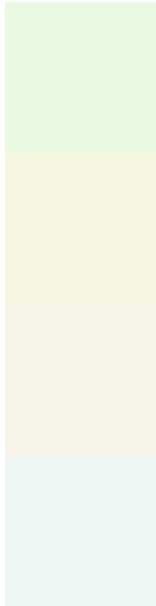
Deuteranopia

244.9580, 8.9860, 2.3460

Tritanopia

244.3570, -5.3190, 2.7850

Trichromacy



Original Color

241.5940, -2.1530, -10.5450

Protanomaly

242.9050, 7.3370, -6.3190

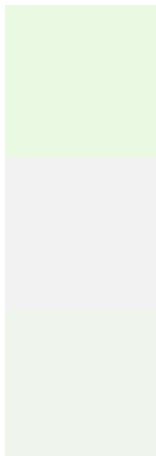
Deuteranomaly

243.7570, 4.9980, -2.4740

Tritanomaly

243.3800, -4.1260, -2.3180

Monochromacy



Original Color

241.5940, -2.1530, -10.5450

Achromatopsia

242.0000, -0.0000, 0.0000

Achromatomaly

242.1800, -0.6870, -4.0710

CSS Examples

Text

The CSS property to change the color of the text to YIQ 241.5940, -2.1530, -10.5450 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(233, 249, 226)` looks like.

```
.text, #text, p{  
    color:rgb(233, 249, 226)  
}
```

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(233, 249, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 249, 226) }
```

Border

The CSS property to change the border of an element to YIQ 241.5940, -2.1530, -10.5450 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(233, 249, 226) }
```


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

```
.border{ border-color:rgb(233, 249, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 249, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 249, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 249, 226);  
box-shadow:4px 4px 4px 4px rgb(233, 249,  
226) }
```

Background

The CSS property to change the background color of an element to YIQ 241.5940, -2.1530, -10.5450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 249, 226) }
```

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

```
.background{ background-color: rgb(233,  
249, 226) }
```

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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