

Converting Colors

YIQ(242.5940, -2.1530,
-10.5450)

Have a look what the booklet for
YIQ(242.5940, -2.1530, -10.5450)
contains.

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Color

**YIQ(242.5940, -2.1530,
-10.5450)**

Conversions

Conversions Part 1

Format	Color
Hex	EAFAE3
RGB	234, 250, 227
RGB Percent	92%, 98%, 89%
CMY	0.0824, 0.0196, 0.1098
CMYK	0.06, 0.00, 0.09, 0.02
HSL	102°, 70%, 94%
HSV	102°, 9%, 98%
XYZ	81.9804, 91.4117, 85.9981
YIQ	242.5940, -2.1530, -10.5450

Conversions

Conversions Part 2

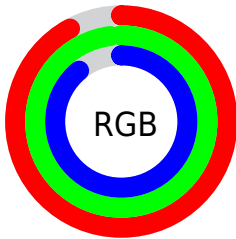
Format	Color
R _Y B	227, 250, 243
Decimal	15399651
CIE Lab	96.58, -9.31, 9.23
CIE LCh	97, 13.107, 135.238
Yxy	91.4117, 0.3161, 0.3524
Android (android.graphics.Color)	4293589731 (0xFFEAF3E3)
YUV	242.5940, -7.6878, -7.5369
Hunter-Lab	95.6095, -14.2616, 13.5969

Details

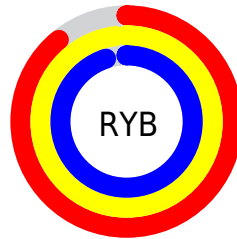
The YIQ color $242.5940, -2.1530, -10.5450$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $234.4060, 2.1530, 10.5450$, and the grayscale version is $243.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $186.7080, -2.4740, -10.2340$ is the 20% darker color. If you saturate the color by 10%, you get $234.6610, -4.2600, -21.9240$, and if you desaturate by 10%, it is $250.5270, -0.0460, 0.8340$.

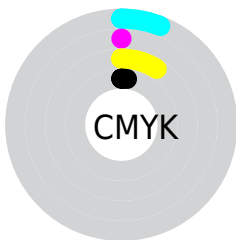
Distribution



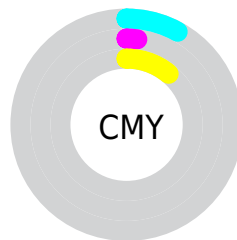
- Red (92%)
- Green (98%)
- Blue (89%)



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



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



- Cyan (8%)
- Magenta (2%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 242.5940, -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 242.5940, -2.1530, -10.5450 by changing the saturation by 10% instead.


 242.5940, -2.1530,
-10.5450

 242.5940, -2.1530,
-10.5450

255.0000, -0.0000,
-0.0000


 214.0070, -1.8780,
-10.0220

 186.7080, -2.4740,
-10.2340

 159.1210, -2.1990,
-9.7110

 133.4200, -1.6030,
-9.4990

 107.6480, -2.2450,
-8.8770

 83.6480, -2.2450,
-8.8770

 61.0610, -1.9700,

-8.3540

■ 38.5880, -2.0160,
-7.5200

■ 17.1920, -0.9610,
-10.1210

■ 242.5940, -2.1530,
-10.5450

■ 242.5940, -2.1530,
-10.5450

■ 234.6610, -4.2600,
-21.9240

■ 250.5270, -0.0460,
0.8340

■ 226.4290, -6.9630,
-33.5150

■ 252.0650, 1.3750,
2.6150

■ 218.4960, -9.0700,
-44.8940

■ 210.2640,
-11.7730, -56.4850

■ 202.3310,
-13.8800, -67.8640

■ 194.3980,
-15.9870, -79.2430

■ 186.1660,
-18.6900, -90.8340

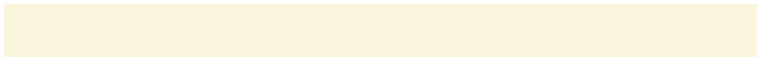
■ 178.2330,
-20.7970, -102.2130

■ 170.0010,
-23.5000, -113.8040

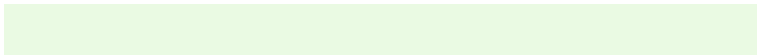
Harmonies

Analogous

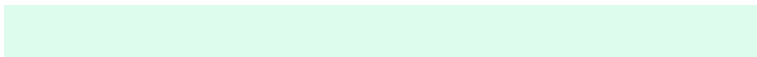
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



244.0470, 9.8130, -7.1390



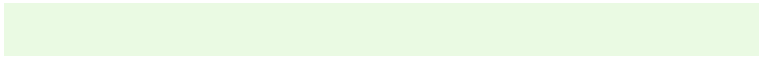
242.5940, -2.1530, -10.5450



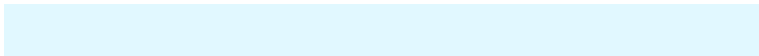
241.1350, -13.9820, -10.9260

Triad

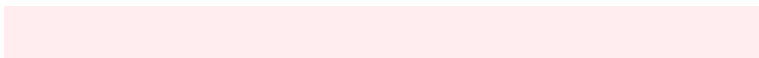
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



242.5940, -2.1530, -10.5450



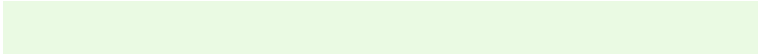
241.9210, -15.9550, -2.6990



242.6100, 10.0860, 4.4380

Complementary

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



242.5940, -2.1530, -10.5450



234.4060, 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.



244.0920, 5.9130, 8.4810



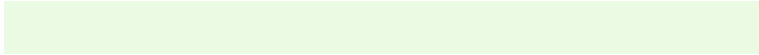
242.5940, -2.1530, -10.5450



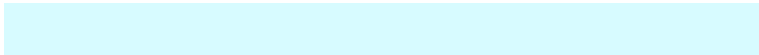
244.0580, -5.9150, 2.5730

Square

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



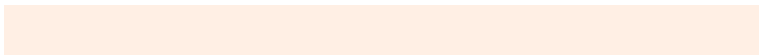
242.5940, -2.1530, -10.5450



240.6920, -22.7400, -6.3880



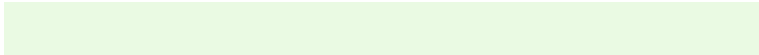
246.1950, 4.1250, 7.8450



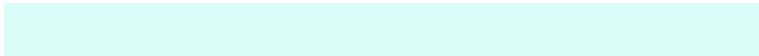
242.5300, 13.0670, -0.0290

Rectangle

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



242.5940, -2.1530, -10.5450



241.2530, -20.1260, -9.7100



246.1950, 4.1250, 7.8450



243.0660, 8.8020, 5.6820

Sweetspot

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



242.5940, -2.1530, -10.5450



252.5930, -0.4120, -3.5480



243.2690, 9.3080, -3.4920



126.1200, -0.4580, -2.7140



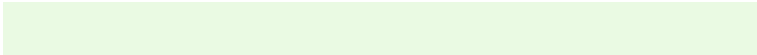
0.0000, 0.0000, 0.0000



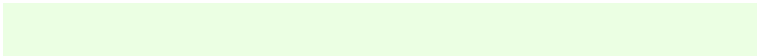
128.0000, -0.0000, -0.0000

Same Dimension

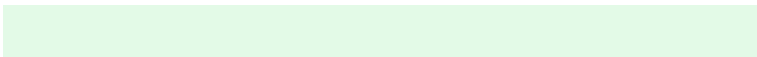
The Same Dimension uses a secret algorithm to generate beautiful new colors.



242.5940, -2.1530, -10.5450



245.8280, -2.9320, -12.9480



240.9570, -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.



234.4060, 2.1530, 10.5450



235.8730, 2.3360, 12.7360



236.0430, 7.6090, 10.7850



116.1730, 1.1910, 5.9510



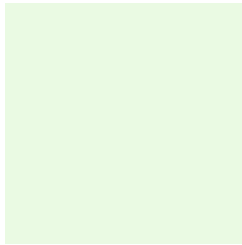
60.7150, 17.4070, 86.5510



19.8110, 6.0470, 28.0870

Previews

White Background



This preview shows how the YIQ color 242.5940, -2.1530, -10.5450 looks on a white background.

Color Contrast Check

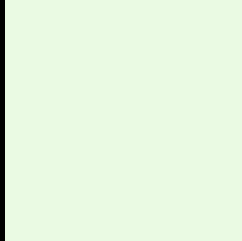
Large Text (above 18pt) WCAG AA × Fail

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 242.5940, -2.1530, -10.5450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

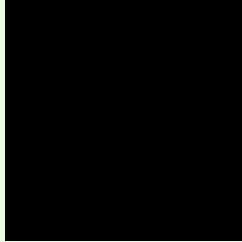
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

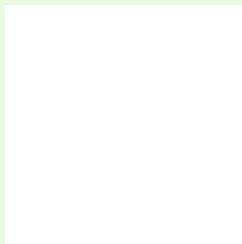
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 242.5940, -2.1530, -10.5450

Background



This preview shows how black text looks on a background with the YIQ color 242.5940, -2.1530, -10.5450.



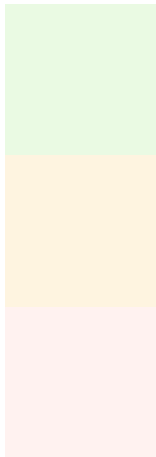
This preview shows how white text looks on a background with the YIQ color 242.5940, -2.1530,

-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

242.5940, -2.1530, -10.5450

Protanopia

244.7100, 12.3800, -4.1000

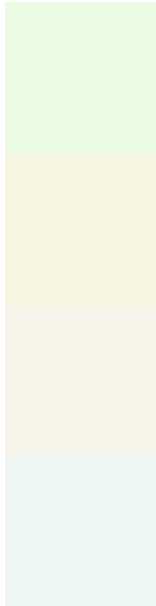
Deuteranopia

245.6590, 8.3900, 2.1340

Tritanopia

245.2430, -4.9980, 2.4740

Trichromacy



Original Color

242.5940, -2.1530, -10.5450

Protanomaly

243.9050, 7.3370, -6.3190

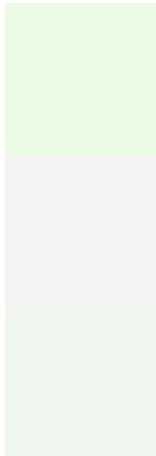
Deuteranomaly

244.4580, 4.4020, -2.6860

Tritanomaly

244.3800, -4.1260, -2.3180

Monochromacy



Original Color

242.5940, -2.1530, -10.5450

Achromatopsia

243.0000, 0.0000, -0.0000

Achromatomaly

243.1800, -0.6870, -4.0710

CSS Examples

Text

The CSS property to change the color of the text to YIQ 242.5940, -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(234, 250, 227)` looks like.

```
.text, #text, p{  
    color:rgb(234, 250, 227)  
}
```

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, 250, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 250, 227) }
```

Border

The CSS property to change the border of an element to YIQ 242.5940, -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(234, 250, 227) }
```


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

```
.border{ border-color:rgb(234, 250, 227) }
```

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

Here you see how a box with a 4 pixel rgb(234, 250, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 250, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 250, 227);  
box-shadow:4px 4px 4px 4px rgb(234, 250,  
227) }
```

Background

The CSS property to change the background color of an element to YIQ 242.5940, -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(234, 250, 227) }
```

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

```
.background{ background-color: rgb(234,  
250, 227) }
```

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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