

Converting Colors

YIQ(244.2560, -7.0130,
-10.5730)

Have a look what the booklet for
YIQ(244.2560, -7.0130, -10.5730)
contains.

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Color

**YIQ(244.2560, -7.0130,
-10.5730)**

Conversions

Conversions Part 1

Format	Color
Hex	E7FDEA
RGB	231, 253, 234
RGB Percent	91%, 99%, 92%
CMY	0.0942, 0.0078, 0.0824
CMYK	0.09, 0.00, 0.08, 0.01
HSL	128°, 85%, 95%
HSV	128°, 9%, 99%
XYZ	82.9287, 93.1829, 91.4547
YIQ	244.2560, -7.0130, -10.5730

Conversions

Conversions Part 2

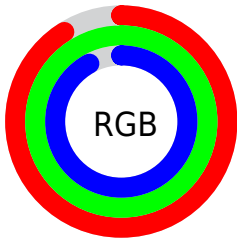
Format	Color
R_{YB}	231, 250, 253
Decimal	15203818
CIE _{Lab}	97.30, -10.59, 6.64
CIE _{LCh}	97, 12.504, 147.899
Yxy	93.1829, 0.3099, 0.3483
Android (android.graphics.Color)	4293393898 (0xFFE7FDEA)
YUV	244.2560, -5.0562, -11.6255
Hunter-Lab	96.5313, -15.5829, 11.4000

Details

The YIQ color $244.2560, -7.0130, -10.5730$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $239.7440, 7.0130, 10.5730$, 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 $187.6690, -6.7380, -10.0500$ is the 20% darker color. If you saturate the color by 10%, you get $234.2730, -14.8510, -22.7150$, and if you desaturate by 10%, it is $253.8260, 0.5500, 1.0460$.

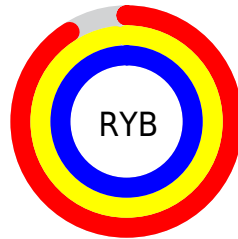
Distribution



Red (91%)

Green (99%)

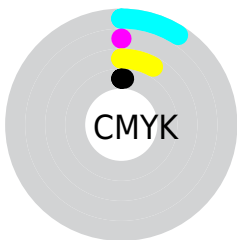
Blue (92%)



Red (91%)

Yellow (98%)

Blue (99%)

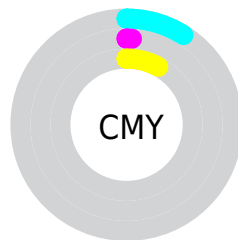


Cyan (9%)

Magenta (0%)

Yellow (8%)

Black (1%)



Cyan (9%)

Magenta (1%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 244.2560, -7.0130, -10.5730 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 244.2560, -7.0130, -10.5730 by changing the saturation by 10% instead.


 244.2560, -7.0130,
-10.5730


 244.2560, -7.0130,
-10.5730

255.0000, -0.0000,
-0.0000


 215.6690, -6.7380,
-10.0500


 187.6690, -6.7380,
-10.0500

 161.0820, -6.4630,
-9.5270

 135.0820, -6.4630,
-9.5270

 109.4950, -6.1880,
-9.0040

 84.9080, -5.9130,
-8.4810

 61.9080, -5.9130,

-8.4810

■ 39.7340, -5.3630,
-7.4350

■ 18.4950, -6.1880,
-9.0040

■ 244.2560, -7.0130,
-10.5730

■ 244.2560, -7.0130,
-10.5730

■ 234.2730,
-14.8510, -22.7150

253.8260, 0.5500,
1.0460

■ 223.9910,
-23.2850, -35.0690

■ 214.0080,
-31.1230, -47.2110

■ 204.1390,
-39.2820, -59.0420

■ 193.8570,
-47.7160, -71.3960

■ 183.8740,
-55.5540, -83.5380

■ 173.8910,
-63.3920, -95.6800

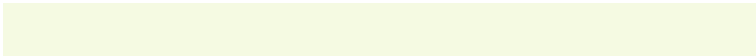
■ 163.9080,
-71.2300, -107.8220

■ 153.6260,
-79.6640, -120.1760

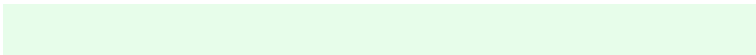
Harmonies

Analogous

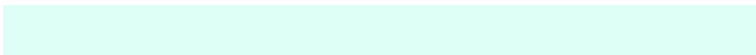
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



245.7690, 4.7240, -8.5240



244.2560, -7.0130, -10.5730



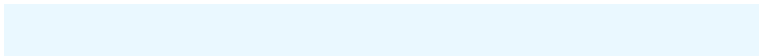
243.8080, -17.3750, -10.0070

Triad

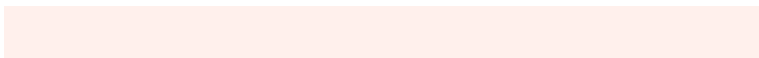
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



244.2560, -7.0130, -10.5730



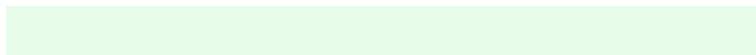
244.6120, -10.5910, -0.7910



244.0290, 10.2240, 1.9360

Complementary

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



244.2560, -7.0130, -10.5730



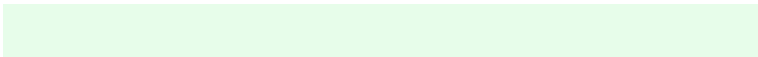
239.7440, 7.0130, 10.5730

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.



244.9240, 6.3260, 6.5020



244.2560, -7.0130, -10.5730



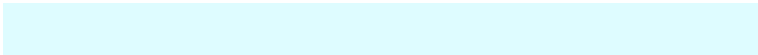
246.7490, -0.5510, 4.4810

Square

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



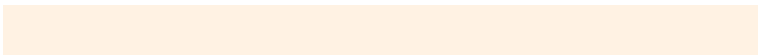
244.2560, -7.0130, -10.5730



243.3720, -18.8430, -5.4270



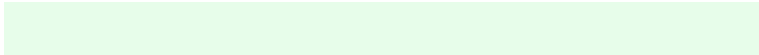
246.7820, 3.8500, 7.3220



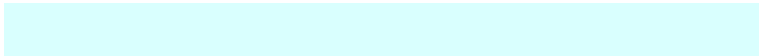
244.1770, 12.5630, -1.9090

Rectangle

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



244.2560, -7.0130, -10.5730



243.5240, -22.3270, -8.3670



246.7820, 3.8500, 7.3220



243.8980, 9.2150, 3.7030

Sweetspot

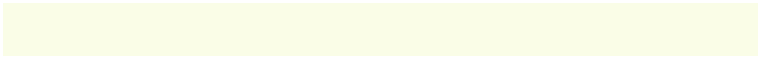
The Sweet Spot groups the original color and five complimentary colors.



244.2560, -7.0130, -10.5730



251.8100, -2.5210, -3.8730



249.5950, 5.2740, -7.4780



125.6360, -1.9710, -2.8270



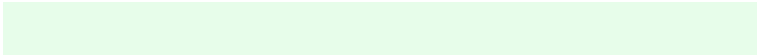
0.0000, 0.0000, 0.0000



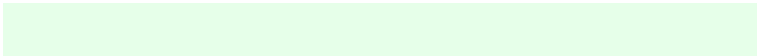
128.0000, -0.0000, -0.0000

Same Dimension

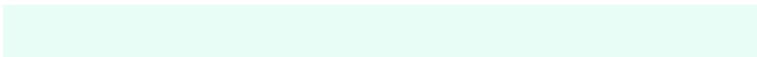
The Same Dimension uses a secret algorithm to generate beautiful new colors.



244.2560, -7.0130, -10.5730



245.0170, -7.8380, -12.1420



245.5100, -10.5440, -7.1520



122.7450, -3.8960, -6.4880



115.0810, -60.8710, -91.8070



38.5940, -20.4890, -30.6730

Inverse Universe

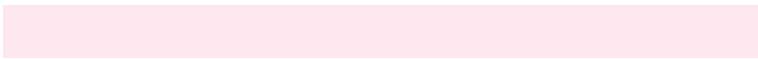
The Inverse Universe completely reimagines the original color for something new.



239.7440, 7.0130, 10.5730



239.9830, 7.8380, 12.1420



238.4900, 10.5440, 7.1520



120.1410, 4.2170, 6.1770



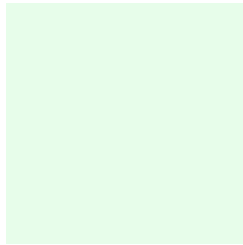
75.9190, 60.8710, 91.8070



25.4060, 20.4890, 30.6730

Previews

White Background



This preview shows how the YIQ color 244.2560, -7.0130, -10.5730 looks on a white background.

Color Contrast Check

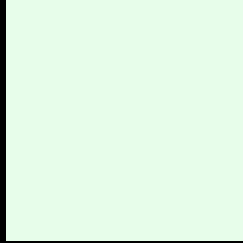
Large Text (above 18pt) WCAG AA × Fail

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 244.2560, -7.0130, -10.5730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

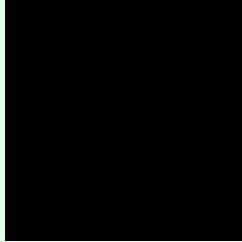
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

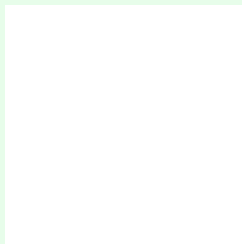
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 244.2560, -7.0130, -10.5730

Background



This preview shows how black text looks on a background with the YIQ color 244.2560, -7.0130, -10.5730.



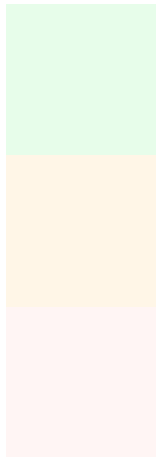
This preview shows how white text looks on a background with the YIQ color 244.2560, -7.0130,

-10.5730.

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

244.2560, -7.0130, -10.5730

Protanopia

246.9810, 10.1790, -2.7570

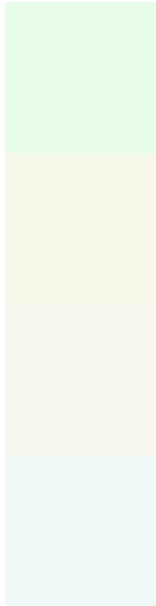
Deuteranopia

247.8760, 6.2810, 1.8090

Tritanopia

246.7160, -4.9520, 1.6400

Trichromacy



Original Color

244.2560, -7.0130, -10.5730

Protanomaly

246.1650, 3.6690, -5.9230

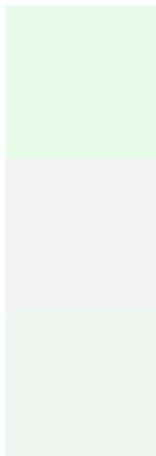
Deuteranomaly

246.4900, 1.3760, -2.9120

Tritanomaly

245.7820, -5.3180, -2.7420

Monochromacy



Original Color

244.2560, -7.0130, -10.5730

Achromatopsia

244.0000, 0.0000, -0.0000

Achromatomaly

243.8100, -2.5210, -3.8730

CSS Examples

Text

The CSS property to change the color of the text to YIQ 244.2560, -7.0130, -10.5730 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(231, 253, 234)` looks like.

```
.text, #text, p{  
    color:rgb(231, 253, 234)  
}
```

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(231, 253, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 253, 234) }
```

Border

The CSS property to change the border of an element to YIQ 244.2560, -7.0130, -10.5730 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(231, 253, 234) }
```


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

```
.border{ border-color:rgb(231, 253, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 253, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 253, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 253, 234);  
box-shadow:4px 4px 4px 4px rgb(231, 253,  
234) }
```

Background

The CSS property to change the background color of an element to YIQ 244.2560, -7.0130, -10.5730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 253, 234) }
```

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

```
.background{ background-color: rgb(231,  
253, 234) }
```

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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