

Converting Colors

YIQ(246.1700, -3.8950,
-12.0150)

Have a look what the booklet for
YIQ(246.1700, -3.8950, -12.0150)
contains.

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Color

**YIQ(246.1700, -3.8950,
-12.0150)**

Conversions

Conversions Part 1

Format	Color
Hex	EBFFE6
RGB	235, 255, 230
RGB Percent	92%, 100%, 90%
CMY	0.0785, 0.0000, 0.0980
CMYK	0.08, 0.00, 0.10, 0.00
HSL	108°, 100%, 95%
HSV	108°, 10%, 100%
XYZ	84.2987, 94.8927, 88.7367
YIQ	246.1700, -3.8950, -12.0150

Conversions

Conversions Part 2

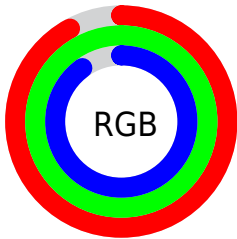
Format	Color
R_{YB}	230, 255, 250
Decimal	15466470
CIE _{Lab}	97.99, -10.94, 9.72
CIE _{LCh}	98, 14.638, 138.390
Yxy	94.8927, 0.3146, 0.3542
Android (android.graphics.Color)	4293656550 (0xFFEBFFE6)
YUV	246.1700, -7.9718, -9.7961
Hunter-Lab	97.4129, -16.0030, 14.1797

Details

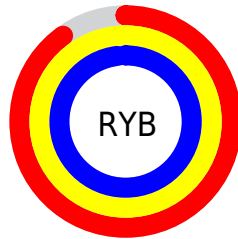
The YIQ color $246.1700, -3.8950, -12.0150$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $238.8300, 3.8950, 12.0150$, and the grayscale version is $246.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $189.5830, -3.6200, -11.4920$ is the 20% darker color. If you saturate the color by 10%, you get $237.3400, -7.7900, -24.0300$, and if you desaturate by 10%, it is $255.0000, -0.0000, -0.0000$.

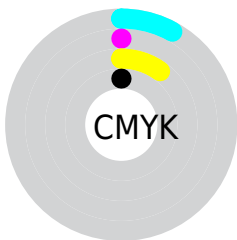
Distribution



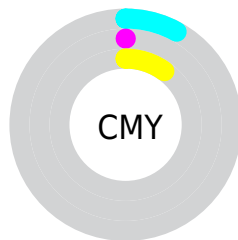
- Red (92%)
- Green (100%)
- Blue (90%)



- Red (90%)
- Yellow (100%)
- Blue (98%)



- Cyan (8%)
- Magenta (0%)
- Yellow (10%)
- Black (0%)




- Cyan (8%)
- Magenta (0%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 246.1700, -3.8950, -12.0150 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 246.1700, -3.8950, -12.0150 by changing the saturation by 10% instead.

 246.1700, -3.8950,
-12.0150


 246.1700, -3.8950,
-12.0150


255.0000, -0.0000,
-0.0000


 217.5830, -3.6200,
-11.4920

 189.5830, -3.6200,
-11.4920

 162.6970, -3.9410,
-11.1810

 136.1100, -3.6660,
-10.6580

 111.1100, -3.6660,
-10.6580

 86.5230, -3.3910,
-10.1350

 63.0500, -3.4370,

-9.3010

■ 41.1640, -3.7580,
-8.9900

■ 20.0070, -1.8780,
-10.0220

■ 246.1700, -3.8950,
-12.0150

■ 246.1700, -3.8950,
-12.0150

■ 237.3400, -7.7900,
-24.0300

255.0000, -0.0000,
-0.0000

■ 228.0970,
-11.9600, -36.5680

■ 219.2670,
-15.8550, -48.5830

■ 210.0240,
-20.0250, -61.1210

■ 201.1940,
-23.9200, -73.1360

■ 191.9510,
-28.0900, -85.6740

■ 183.1210,
-31.9850, -97.6890

■ 174.1770,
-35.5590, -110.0150

■ 165.0480,
-40.0500, -122.2420

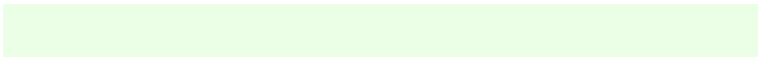
Harmonies

Analogous

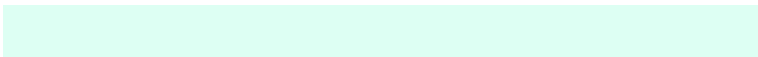
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



247.6940, 9.3090, -9.0190



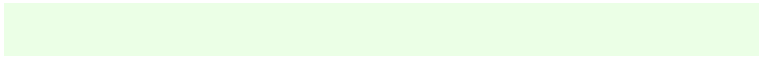
246.1700, -3.8950, -12.0150



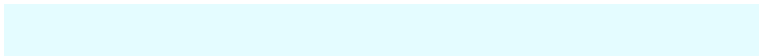
243.4660, -16.4120, -10.9400

Triad

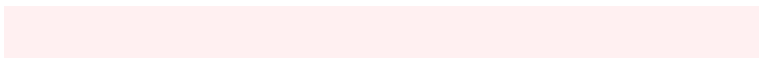
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



246.1700, -3.8950, -12.0150



245.1660, -15.2670, -4.1550



244.5990, 8.6190, 3.4910

Complementary

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



246.1700, -3.8950, -12.0150



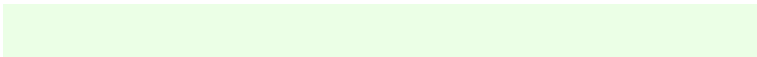
238.8300, 3.8950, 12.0150

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.



246.1950, 4.1250, 7.8450



246.1700, -3.8950, -12.0150



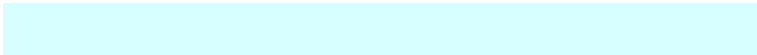
247.3140, -3.7600, 2.0640

Square

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



246.1700, -3.8950, -12.0150



243.3390, -23.2440, -8.2680



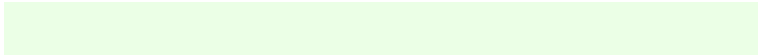
247.9560, 3.3000, 6.2760



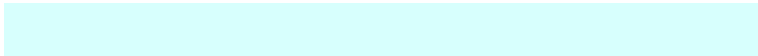
244.2910, 12.2420, -1.5980

Rectangle

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



246.1700, -3.8950, -12.0150



242.8120, -23.1980, -9.1020



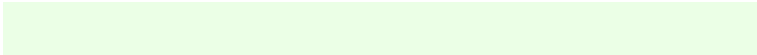
247.9560, 3.3000, 6.2760



245.1690, 7.0140, 5.0460

Sweetspot

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



246.1700, -3.8950, -12.0150



252.2940, -1.0080, -3.7600



249.2150, 9.4000, -5.1600



125.8210, -1.0540, -2.9260



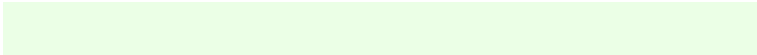
0.0000, 0.0000, 0.0000



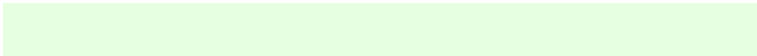
128.0000, -0.0000, -0.0000

Same Dimension

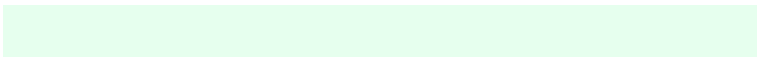
The Same Dimension uses a secret algorithm to generate beautiful new colors.



246.1700, -3.8950, -12.0150



243.9910, -4.9490, -14.9410



245.5870, -9.4430, -10.5870



123.2290, -2.3830, -6.3750



123.4790, -29.8770, -91.8370



41.4550, -9.8520, -30.7160

Inverse Universe

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



238.8300, 3.8950, 12.0150



235.0090, 4.9490, 14.9410



239.5270, 9.1220, 10.8980



119.4720, 1.7870, 6.1630



67.5210, 29.8770, 91.8370



22.5450, 9.8520, 30.7160

Previews

White Background



This preview shows how the YIQ color 246.1700, -3.8950, -12.0150 looks on a white background.

Color Contrast Check

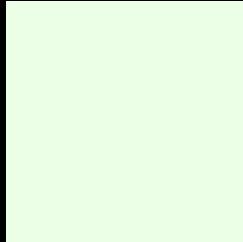
Large Text (above 18pt) WCAG AA × Fail

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 246.1700, -3.8950, -12.0150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

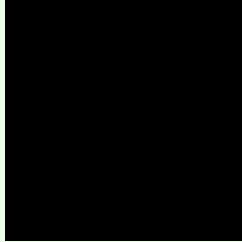
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

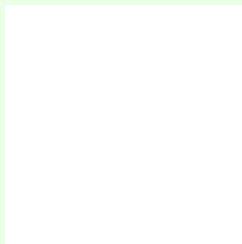
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 246.1700, -3.8950, -12.0150

Background



This preview shows how black text looks on a background with the YIQ color 246.1700, -3.8950, -12.0150.



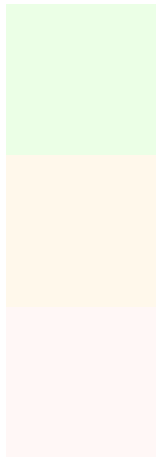
This preview shows how white text looks on a background with the YIQ color 246.1700, -3.8950,

-12.0.150.

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

246.1700, -3.8950, -12.0150

Protanopia

248.6110, 8.3450, -2.5590

Deuteranopia

249.2780, 5.0890, 1.3850

Tritanopia

249.0860, -3.1180, 1.4420

Trichromacy



Original Color

246.1700, -3.8950, -12.0150

Protanomaly

248.0510, 3.9900, -6.2340

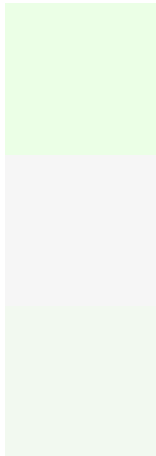
Deuteranomaly

248.2620, 2.0180, -3.5340

Tritanomaly

248.0380, -3.1630, -3.2510

Monochromacy



Original Color

246.1700, -3.8950, -12.0150

Achromatopsia

246.0000, -0.0000, -0.0000

Achromatomaly

245.8810, -1.2830, -4.2830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 246.1700, -3.8950, -12.0150 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(235, 255, 230)` looks like.

```
.text, #text, p{  
    color:rgb(235, 255, 230)  
}
```

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(235, 255, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 255, 230) }
```

Border

The CSS property to change the border of an element to YIQ 246.1700, -3.8950, -12.0150 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(235, 255, 230) }
```


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

```
.border{ border-color:rgb(235, 255, 230) }
```

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

Here you see how a box with a 4 pixel rgb(235, 255, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 255, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 255, 230);  
box-shadow:4px 4px 4px 4px rgb(235, 255,  
230) }
```

Background

The CSS property to change the background color of an element to YIQ 246.1700, -3.8950, -12.0150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 255, 230) }
```

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

```
.background{ background-color: rgb(235,  
255, 230) }
```

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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