

Converting Colors

YIQ(246.0710, -7.9300,
-10.4740)

Have a look what the booklet for
YIQ(246.0710, -7.9300, -10.4740)
contains.

YIQ(246.0710, -7.9300, -10.4740)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(246.0710, -7.9300,
-10.4740)**

Conversions

Conversions Part 1

Format	Color
Hex	E8FFED
RGB	232, 255, 237
RGB Percent	91%, 100%, 93%
CMY	0.0903, 0.0000, 0.0706
CMYK	0.09, 0.00, 0.07, 0.00
HSL	133°, 100%, 95%
HSV	133°, 9%, 100%
XYZ	84.3187, 94.7872, 93.9690
YIQ	246.0710, -7.9300, -10.4740

Conversions

Conversions Part 2

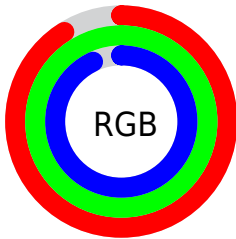
Format	Color
R_{YB}	232, 251, 255
Decimal	15269869
CIE _{Lab}	97.95, -10.72, 6.05
CIE _{LCh}	98, 12.311, 150.588
Y _{xy}	94.7872, 0.3088, 0.3471
Android (android.graphics.Color)	4293459949 (0xFFE8FFED)
YUV	246.0710, -4.4720, -12.3403
Hunter-Lab	97.3587, -15.7857, 10.9253

Details

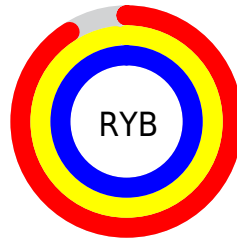
The YIQ color $246.0710, -7.9300, -10.4740$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $240.9290, 7.9300, 10.4740$, and the grayscale version is $246.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $189.4840, -7.6550, -9.9510$ is the 20% darker color. If you saturate the color by 10%, you get $236.0170, -17.0060, -22.2060$, and if you desaturate by 10%, it is $255.0000, -0.0000, -0.0000$.

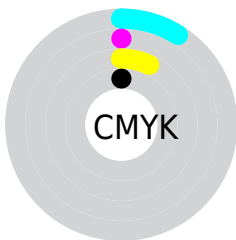
Distribution



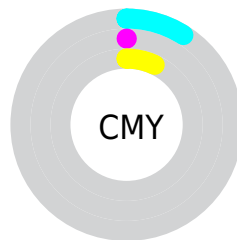
- Red (91%)
- Green (100%)
- Blue (93%)



- Red (91%)
- Yellow (98%)
- Blue (100%)



- Cyan (9%)
- Magenta (0%)
- Yellow (7%)
- Black (0%)





- Cyan (9%)
- Magenta (0%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 246.0710, -7.9300, -10.4740 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 246.0710, -7.9300, -10.4740 by changing the saturation by 10% instead.


 246.0710, -7.9300,
-10.4740


 246.0710, -7.9300,
-10.4740


255.0000, -0.0000,
-0.0000


 217.4840, -7.6550,
-9.9510

 189.4840, -7.6550,
-9.9510

 162.7830, -7.0590,
-9.7390

 136.1960, -6.7840,
-9.2160

 111.1960, -6.7840,
-9.2160

 86.6090, -6.5090,
-8.6930

 63.0220, -6.2340,

-8.1700

■ 41.1360, -6.5550,
-7.8590

■ 19.7230, -6.8300,
-8.3820

■ 246.0710, -7.9300,
-10.4740

■ 246.0710, -7.9300,
-10.4740

■ 236.0170,
-17.0060, -22.2060

255.0000, -0.0000,
-0.0000

■ 226.2620,
-25.4860, -33.7260

■ 216.2080,
-34.5620, -45.4580

■ 206.4530,
-43.0420, -56.9780

■ 196.3990,
-52.1180, -68.7100

■ 186.6440,
-60.5980, -80.2300

■ 176.5900,
-69.6740, -91.9620

■ 166.8350,
-78.1540, -103.4820

■ 156.7810,
-87.2300, -115.2140

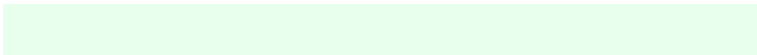
Harmonies

Analogous

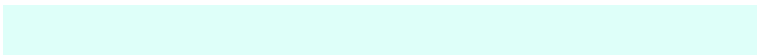
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



247.1710, 3.5320, -8.9480



246.0710, -7.9300, -10.4740



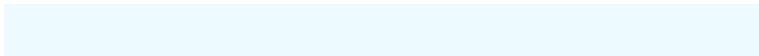
244.4490, -17.7420, -8.8620

Triad

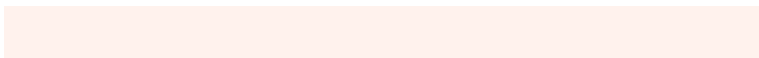
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



246.0710, -7.9300, -10.4740



246.6830, -9.3530, -1.2010



245.3170, 9.3530, 1.2010

Complementary

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



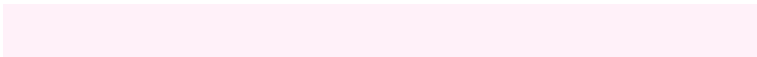
246.0710, -7.9300, -10.4740



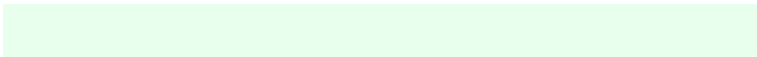
240.9290, 7.9300, 10.4740

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.



246.0980, 5.7760, 5.4560



246.0710, -7.9300, -10.4740



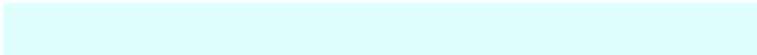
248.8200, 0.6870, 4.0710

Square

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



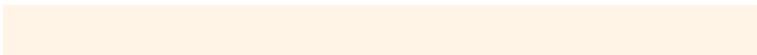
246.0710, -7.9300, -10.4740



245.4430, -17.6050, -5.8370



247.9560, 3.3000, 6.2760



245.5790, 11.3710, -2.3330

Rectangle

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



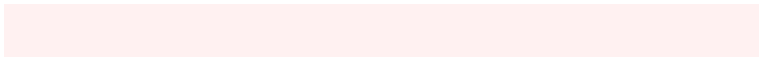
246.0710, -7.9300, -10.4740



244.5350, -20.8600, -7.4200



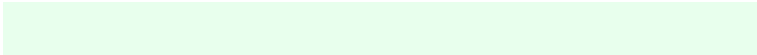
247.9560, 3.3000, 6.2760



245.1860, 8.3440, 2.9680

Sweetspot

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



246.0710, -7.9300, -10.4740



251.9240, -2.8420, -3.5620



250.8830, 4.4030, -8.2130



125.7500, -2.2920, -2.5160



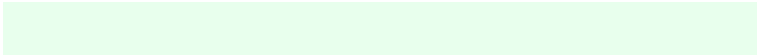
0.0000, 0.0000, 0.0000



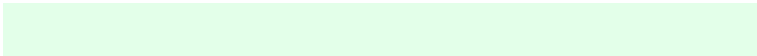
128.0000, -0.0000, -0.0000

Same Dimension

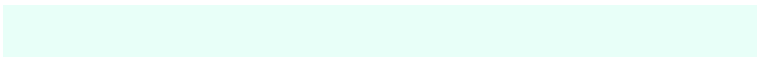
The Same Dimension uses a secret algorithm to generate beautiful new colors.



246.0710, -7.9300, -10.4740



244.1200, -9.6260, -12.7780



247.3250, -11.4610, -7.0530



122.9730, -4.5380, -5.8660



116.9050, -66.0070, -86.8310



39.1640, -22.0940, -29.1180

Inverse Universe

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



240.9290, 7.9300, 10.4740



237.8800, 9.6260, 12.7780



239.6750, 11.4610, 7.0530



120.0270, 4.5380, 5.8660



74.2090, 65.6860, 87.1420



24.8360, 22.0940, 29.1180

Previews

White Background



This preview shows how the YIQ color 246.0710, -7.9300, -10.4740 looks on a white background.

Color Contrast Check

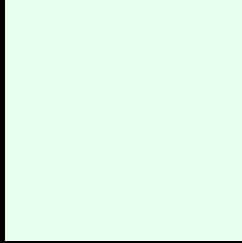
Large Text (above 18pt) WCAG AA × Fail

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 246.0710, -7.9300, -10.4740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

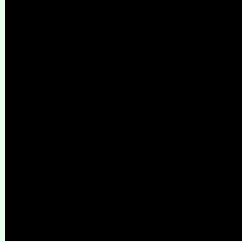
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

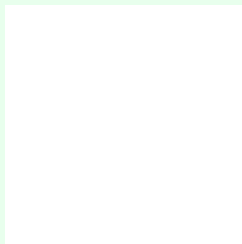
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 246.0710, -7.9300, -10.4740

Background



This preview shows how black text looks on a background with the YIQ color 246.0710, -7.9300, -10.4740.



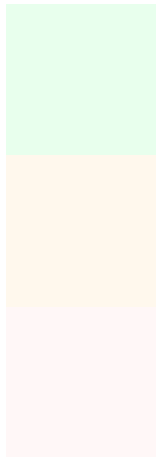
This preview shows how white text looks on a background with the YIQ color 246.0710, -7.9300,

-10.4740.

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

246.0710, -7.9300, -10.4740

Protanopia

248.8390, 7.7030, -1.9370

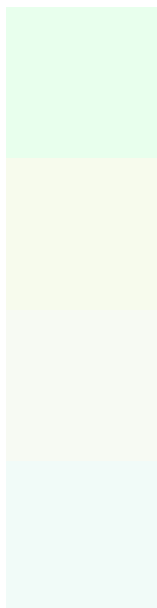
Deuteranopia

249.3920, 4.7680, 1.6960

Tritanopia

248.7870, -3.7140, 1.2300

Trichromacy



Original Color

246.0710, -7.9300, -10.4740

Protanomaly

248.2080, 2.1100, -5.2020

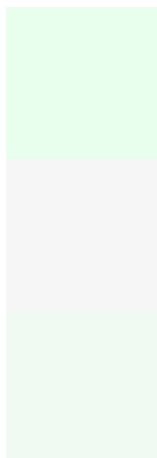
Deuteranomaly

248.3050, 0.4590, -2.8130

Tritanomaly

247.6680, -4.9970, -3.0530

Monochromacy



Original Color

246.0710, -7.9300, -10.4740

Achromatopsia

246.0000, -0.0000, -0.0000

Achromatomaly

245.9240, -2.8420, -3.5620

CSS Examples

Text

The CSS property to change the color of the text to YIQ 246.0710, -7.9300, -10.4740 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(232, 255, 237)` looks like.

```
.text, #text, p{  
    color:rgb(232, 255, 237)  
}
```

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(232, 255, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 255, 237) }
```

Border

The CSS property to change the border of an element to YIQ 246.0710, -7.9300, -10.4740 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(232, 255, 237) }
```


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

```
.border{ border-color:rgb(232, 255, 237) }
```

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

Here you see how a box with a 4 pixel rgb(232, 255, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 255, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 255, 237);  
box-shadow:4px 4px 4px 4px rgb(232, 255,  
237) }
```

Background

The CSS property to change the background color of an element to YIQ 246.0710, -7.9300, -10.4740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 255, 237) }
```

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

```
.background{ background-color: rgb(232,  
255, 237) }
```

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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