

Converting Colors

YIQ(245.0810, -4.7220, -2.5300)

Have a look what the booklet for
YIQ(245.0810, -4.7220, -2.5300)
contains.

YIQ(245.0810, -4.7220, -2.5300)	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(245.0810, -4.7220,
-2.5300)**

Conversions

Conversions Part 1

Format	Color
Hex	EFF8F6
RGB	239, 248, 246
RGB Percent	94%, 97%, 96%
CMY	0.0628, 0.0274, 0.0353
CMYK	0.04, 0.00, 0.01, 0.03
HSL	167°, 39%, 95%
HSV	167°, 4%, 97%
XYZ	85.7971, 92.1404, 100.4481
YIQ	245.0810, -4.7220, -2.5300

Conversions

Conversions Part 2

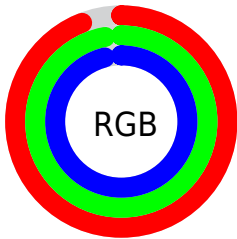
Format	Color
R_{YB}	239, 244, 248
Decimal	15726838
CIE _{Lab}	96.88, -3.32, -0.08
CIE _{LCh}	97, 3.319, 181.372
Yxy	92.1404, 0.3082, 0.3310
Android (android.graphics.Color)	4293916918 (0xFFEFF8F6)
YUV	245.0810, 0.4531, -5.3330
Hunter-Lab	95.9898, -8.4362, 5.1491

Details

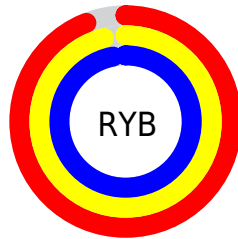
The YIQ color $245.0810, -4.7220, -2.5300$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $241.9190, 4.7220, 2.5300$, and the grayscale version is $245.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $189.0810, -4.7220, -2.5300$ is the 20% darker color. If you saturate the color by 10%, you get $236.9220, -17.6960, -9.6960$, and if you desaturate by 10%, it is $250.5490, 2.8880, 2.7280$.

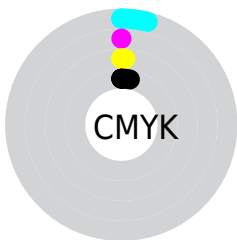
Distribution



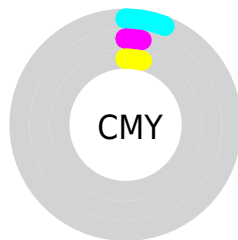
- Red (94%)
- Green (97%)
- Blue (96%)



- Red (94%)
- Yellow (96%)
- Blue (97%)



- Cyan (4%)
- Magenta (0%)
- Yellow (1%)
- Black (3%)





- Cyan (6%)
- Magenta (3%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 245.0810, -4.7220, -2.5300 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 245.0810, -4.7220, -2.5300 by changing the saturation by 10% instead.


 245.0810, -4.7220,
-2.5300

 245.0810, -4.7220,
-2.5300

255.0000, -0.0000,
-0.0000


 216.4940, -4.4470,
-2.0070

 189.0810, -4.7220,
-2.5300

 162.0810, -4.7220,
-2.5300

 135.3800, -4.1260,
-2.3180

 110.3800, -4.1260,
-2.3180

 85.7930, -3.8510,
-1.7950

 62.7930, -3.8510,

-1.7950

■ 40.7930, -3.8510,
-1.7950

■ 20.3800, -4.1260,
-2.3180

■ 245.0810, -4.7220,
-2.5300

■ 245.0810, -4.7220,
-2.5300

■ 236.9220,
-17.6960, -9.6960

■ 250.5490, 2.8880,
2.7280

■ 228.8770,
-30.9910, -16.5510

■ 250.8910, 1.9250,
3.6610

■ 221.0170,
-43.3690, -23.5050

■ 212.9720,
-56.6640, -30.3600

■ 204.8130,
-69.6380, -37.5260

■ 196.7680,
-82.9330, -44.3810

■ 188.6090,
-95.9070, -51.5470

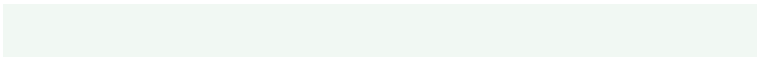
■ 180.8630,
-108.6060, -58.1900

■ 172.7040,
-121.5800, -65.3560

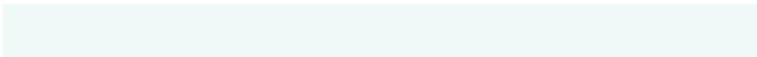
Harmonies

Analogous

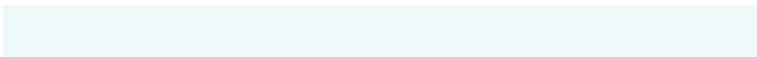
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



245.3370, -2.5670, -3.0390



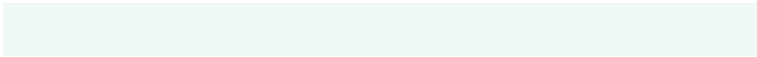
245.0810, -4.7220, -2.5300



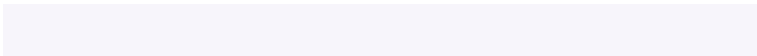
245.1240, -6.2810, -1.8090

Triad

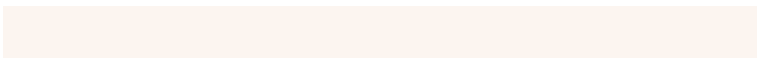
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



245.0810, -4.7220, -2.5300



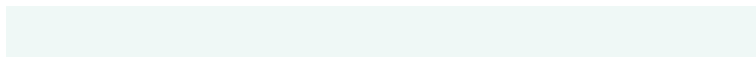
246.2820, -0.7340, 2.2900



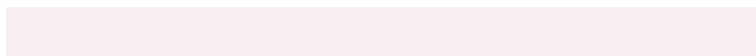
246.5230, 5.7770, -0.0710

Complementary

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



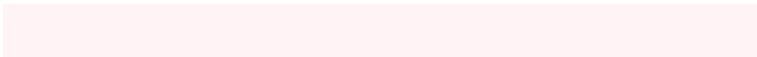
245.0810, -4.7220, -2.5300



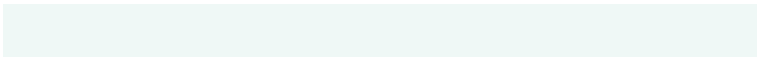
241.9190, 4.7220, 2.5300

Split Complementary

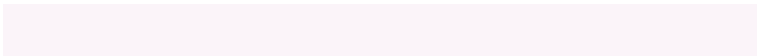
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



246.5770, 5.6850, 1.5970



245.0810, -4.7220, -2.5300



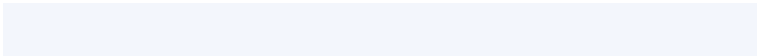
246.6630, 2.5670, 3.0390

Square

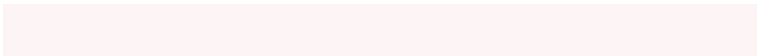
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



245.0810, -4.7220, -2.5300



245.7870, -3.7140, 1.2300



246.9190, 4.7220, 2.5300



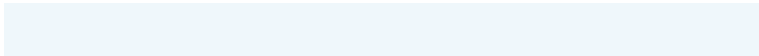
246.2130, 3.7140, -1.2300

Rectangle

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



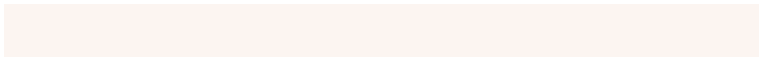
245.0810, -4.7220, -2.5300



245.0640, -6.0520, -0.4520



246.9190, 4.7220, 2.5300



246.6370, 5.4560, 0.2400

Sweetspot

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



245.0810, -4.7220, -2.5300



253.9890, -1.4670, -0.9470



244.8810, -1.2830, -4.2830



127.2880, -0.8710, -0.7350



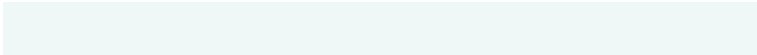
0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



245.0810, -4.7220, -2.5300



251.7820, -5.3180, -2.7420



244.1350, -4.8140, -0.8620



123.0920, -3.2550, -1.5830



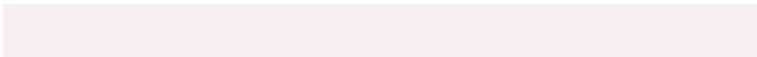
127.7010, -99.1620, -53.1300



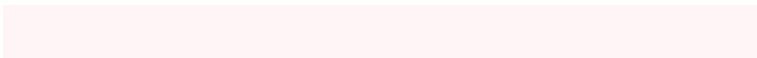
41.2790, -32.1830, -16.9750

Inverse Universe

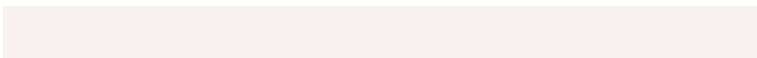
The Inverse Universe completely reimagines the original color for something new.



241.9190, 4.7220, 2.5300



248.2180, 5.3180, 2.7420



242.8650, 4.8140, 0.8620



120.9080, 3.2550, 1.5830



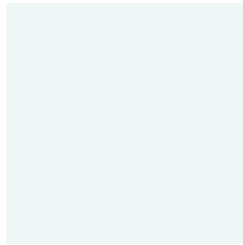
61.2990, 99.1620, 53.1300



19.8350, 31.8620, 17.2860

Previews

White Background



This preview shows how the YIQ color 245.0810, -4.7220, -2.5300 looks on a white background.

Color Contrast Check

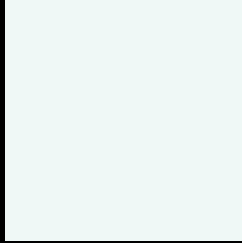
Large Text (above 18pt) WCAG AA × Fail

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 245.0810, -4.7220, -2.5300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

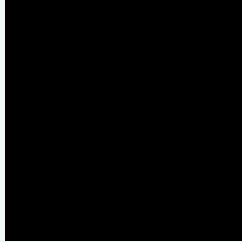
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

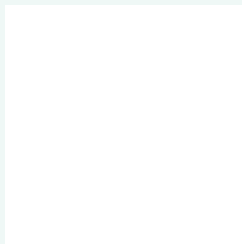
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 245.0810, -4.7220, -2.5300

Background



This preview shows how black text looks on a background with the YIQ color 245.0810, -4.7220, -2.5300.



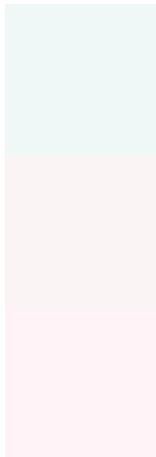
This preview shows how white text looks on a background with the YIQ color 245.0810, -4.7220, -2.5300.

-2.500.

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

245.0810, -4.7220, -2.5300

Protanopia

246.3810, 3.3010, 0.7490

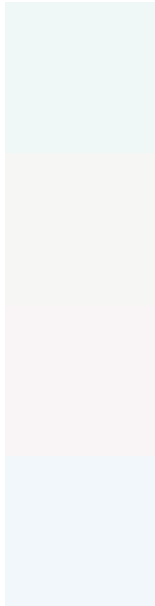
Deuteranopia

247.0440, 5.8680, 3.7880

Tritanopia

246.4280, -4.0810, 2.3750

Trichromacy



Original Color

245.0810, -4.7220, -2.5300

Protanomaly

245.8860, 0.3210, -0.3110

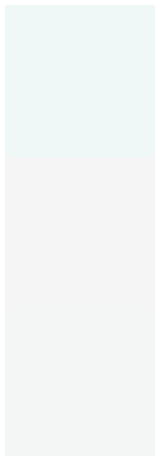
Deuteranomaly

246.4240, 1.7420, 1.4700

Tritanomaly

246.0750, -4.5850, 0.4950

Monochromacy



Original Color

245.0810, -4.7220, -2.5300

Achromatopsia

245.0000, -0.0000, 0.0000

Achromatomaly

244.9890, -1.4670, -0.9470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 245.0810, -4.7220, -2.5300 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(239, 248, 246)` looks like.

```
.text, #text, p{  
    color:rgb(239, 248, 246)  
}
```

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(239, 248, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 248, 246) }
```

Border

The CSS property to change the border of an element to YIQ 245.0810, -4.7220, -2.5300 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(239, 248, 246) }
```


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

```
.border{ border-color:rgb(239, 248, 246) }
```

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

Here you see how a box with a 4 pixel rgb(239, 248, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 248, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 248, 246);  
box-shadow:4px 4px 4px 4px rgb(239, 248,  
246) }
```

Background

The CSS property to change the background color of an element to YIQ 245.0810, -4.7220, -2.5300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 248, 246) }
```

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

```
.background{ background-color: rgb(239,  
248, 246) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor