

Converting Colors

YIQ(248.8760, -2.8870, -8.2550)

Have a look what the booklet for
YIQ(248.8760, -2.8870, -8.2550)
contains.

YIQ(248.8760, -2.8870, -8.2550)	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(248.8760, -2.8870,
-8.2550)**

Conversions

Conversions Part 1

Format	Color
Hex	F1FFEE
RGB	241, 255, 238
RGB Percent	95%, 100%, 93%
CMY	0.0549, 0.0000, 0.0667
CMYK	0.05, 0.00, 0.07, 0.00
HSL	109°, 100%, 97%
HSV	109°, 7%, 100%
XYZ	87.4645, 96.3919, 94.8849
YIQ	248.8760, -2.8870, -8.2550

Conversions

Conversions Part 2

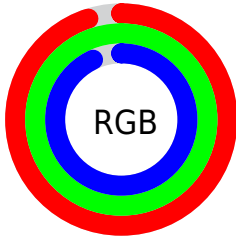
Format	Color
R _Y B	238, 255, 252
Decimal	15859694
CIE Lab	98.59, -7.58, 6.53
CIE LCh	99, 10.005, 139.244
Yxy	96.3919, 0.3138, 0.3458
Android (android.graphics.Color)	4294049774 (0xFFFF1FEE)
YUV	248.8760, -5.3619, -6.9073
Hunter-Lab	98.1794, -12.7946, 11.4251

Details

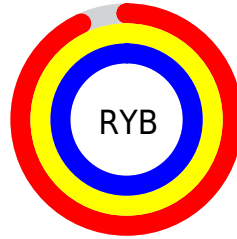
The YIQ color 248.8760, -2.8870, -8.2550 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 244.1240, 2.8870, 8.2550, and the grayscale version is 249.0000, -0.0000, -0.0000.

A 20% lighter version of the original color is 255.0000, -0.0000, -0.0000, and 192.2890, -2.6120, -7.7320 is the 20% darker color. If you saturate the color by 10%, you get 239.7470, -7.3780, -20.4820, and if you desaturate by 10%, it is 255.0000, -0.0000, -0.0000.

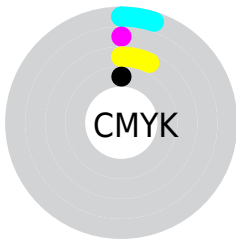
Distribution



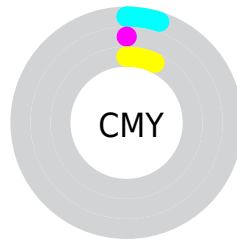
- Red (95%)
- Green (100%)
- Blue (93%)



- Red (93%)
- Yellow (100%)
- Blue (99%)



- Cyan (5%)
- Magenta (0%)
- Yellow (7%)
- Black (0%)



- Cyan (5%)
- Magenta (0%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 248.8760, -2.8870, -8.2550 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 248.8760, -2.8870, -8.2550 by changing the saturation by 10% instead.

 248.8760, -2.8870,
-8.2550

 248.8760, -2.8870,
-8.2550


255.0000, -0.0000,
-0.0000


 220.2890, -2.6120,
-7.7320

 192.2890, -2.6120,
-7.7320

 165.2890, -2.6120,
-7.7320

 139.2890, -2.6120,
-7.7320

 113.7020, -2.3370,
-7.2090

 88.8160, -2.6580,
-6.8980

 65.8160, -2.6580,

-6.8980

■ 43.3430, -2.7040,
-6.0640

■ 22.5280, -1.7870,
-6.1630

■ 248.8760, -2.8870,
-8.2550

■ 248.8760, -2.8870,
-8.2550

■ 239.7470, -7.3780,
-20.4820

255.0000, -0.0000,
-0.0000

■ 230.5040,
-11.5480, -33.0200

■ 221.3750,
-16.0390, -45.2470

■ 212.1320,
-20.2090, -57.7850

■ 203.0030,
-24.7000, -70.0120

■ 193.7600,
-28.8700, -82.5500

■ 184.6310,
-33.3610, -94.7770

■ 175.3880,
-37.5310, -107.3150

■ 166.2590,
-42.0220, -119.5420

Harmonies

Analogous

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



249.8340, 6.0990, -5.9090



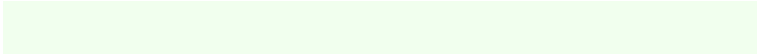
248.8760, -2.8870, -8.2550



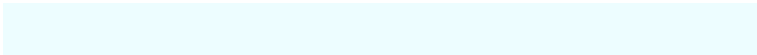
247.2110, -11.1400, -7.3640

Triad

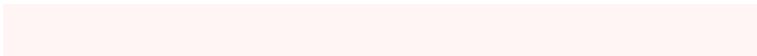
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



248.8760, -2.8870, -8.2550



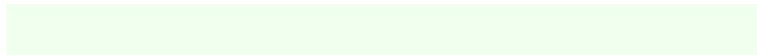
248.4440, -10.1780, -2.7700



247.9900, 5.9600, 2.1200

Complementary

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



248.8760, -2.8870, -8.2550



244.1240, 2.8870, 8.2550

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.



249.1300, 2.7500, 5.2300



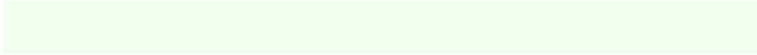
248.8760, -2.8870, -8.2550



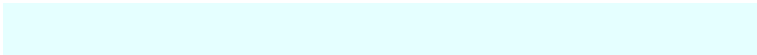
250.2710, -2.2010, 1.3430

Square

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



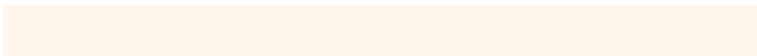
248.8760, -2.8870, -8.2550



247.2260, -15.4960, -5.5120



250.3040, 2.2000, 4.1840



247.6650, 8.2530, -0.8910

Rectangle

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



248.8760, -2.8870, -8.2550



246.8130, -15.7710, -6.0350



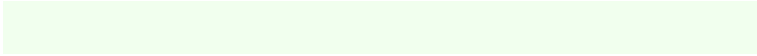
250.3040, 2.2000, 4.1840



247.7450, 5.2720, 3.5760

Sweetspot

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



248.8760, -2.8870, -8.2550



253.2340, -0.7790, -2.4030



251.3010, 6.2820, -3.7180



126.7610, -0.8250, -1.5690



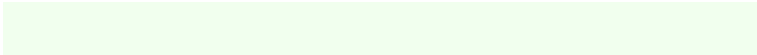
0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



248.8760, -2.8870, -8.2550



247.6370, -3.7120, -9.8240



248.5490, -6.2800, -7.3360



123.2290, -2.3830, -6.3750



122.2830, -32.2610, -92.6850



40.8570, -11.0440, -31.1400

Inverse Universe

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



244.1240, 2.8870, 8.2550



242.0640, 3.1160, 9.6120



244.4510, 6.2800, 7.3360



119.4720, 1.7870, 6.1630



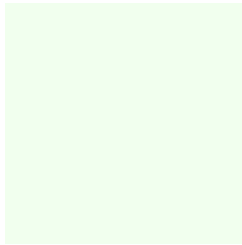
69.0160, 32.8570, 92.8970



23.1430, 11.0440, 31.1400

Previews

White Background



This preview shows how the YIQ color 248.8760, -2.8870, -8.2550 looks on a white background.

Color Contrast Check

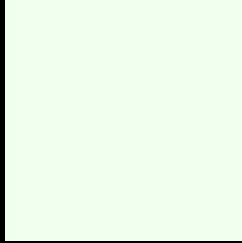
Large Text (above 18pt) WCAG AA × Fail

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 248.8760, -2.8870, -8.2550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

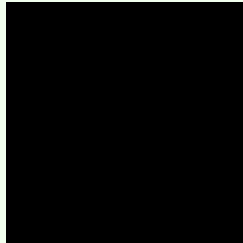
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

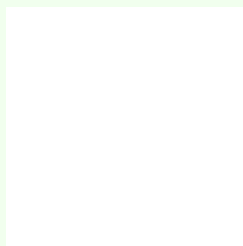
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 248.8760, -2.8870, -8.2550

Background



This preview shows how black text looks on a background with the YIQ color 248.8760, -2.8870, -8.2550.



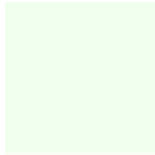
This preview shows how white text looks on a background with the YIQ color 248.8760, -2.8870,

-8.250.

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

248.8760, -2.8870, -8.2550

Protanopia

250.6970, 5.2270, -1.1170

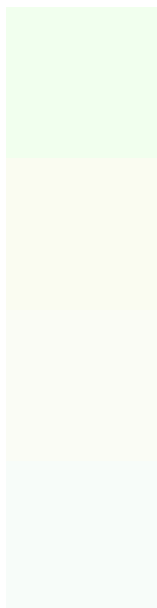
Deuteranopia

251.3810, 3.3010, 0.7490

Tritanopia

251.1570, -1.8800, 1.0320

Trichromacy



Original Color

248.8760, -2.8870, -8.2550

Protanomaly

250.1480, 2.3390, -3.8450

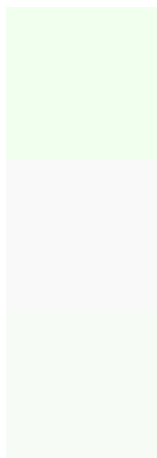
Deuteranomaly

250.6040, 1.0550, -2.6010

Tritanomaly

250.1630, -2.0170, -1.9930

Monochromacy



Original Color

248.8760, -2.8870, -8.2550

Achromatopsia

249.0000, -0.0000, -0.0000

Achromatomaly

248.8210, -1.0540, -2.9260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 248.8760, -2.8870, -8.2550 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(241, 255, 238)` looks like.

```
.text, #text, p{  
    color:rgb(241, 255, 238)  
}
```

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(241, 255, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 255, 238) }
```

Border

The CSS property to change the border of an element to YIQ 248.8760, -2.8870, -8.2550 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(241, 255, 238) }
```


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

```
.border{ border-color:rgb(241, 255, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 255, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 255, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 255, 238);  
box-shadow:4px 4px 4px 4px rgb(241, 255,  
238) }
```

Background

The CSS property to change the background color of an element to YIQ 248.8760, -2.8870, -8.2550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 255, 238) }
```

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

```
.background{ background-color: rgb(241,  
255, 238) }
```

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