

# Converting Colors

YIQ(248.2550, -5.2720, -3.5760)

Have a look what the booklet for  
YIQ(248.2550, -5.2720, -3.5760)  
contains.

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# Color

**YIQ(248.2550, -5.2720,  
-3.5760)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F1FCF8
RGB	241, 252, 248
RGB Percent	95%, 99%, 97%
CMY	0.0549, 0.0117, 0.0275
CMYK	0.04, 0.00, 0.02, 0.01
HSL	158°, 65%, 97%
HSV	158°, 4%, 99%
XYZ	88.0276, 95.1002, 102.5199
YIQ	248.2550, -5.2720, -3.5760

# Conversions

## Conversions Part 2

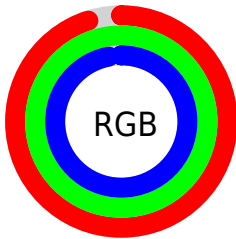
Format	Color
R <sub>Y</sub> B	241, 248, 252
Decimal	15858936
CIE Lab	98.07, -4.32, 0.65
CIE LCh	98, 4.370, 171.406
Yxy	95.1002, 0.3082, 0.3329
Android (android.graphics.Color)	4294049016 (0xFFFF1FCF8)
YUV	248.2550, -0.1257, -6.3626
Hunter-Lab	97.5193, -9.5327, 5.9333

# Details

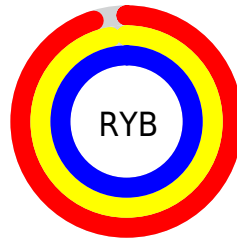
The YIQ color 248.2550, -5.2720, -3.5760 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 244.7450, 5.2720, 3.5760, and the grayscale version is 248.0000, -0.0000, -0.0000.

A 20% lighter version of the original color is 255.0000, -0.0000, -0.0000, and 191.6680, -4.9970, -3.0530 is the 20% darker color. If you saturate the color by 10%, you get 239.7540, -17.2830, -11.6750, and if you desaturate by 10%, it is 253.2390, 0.8250, 1.5690.

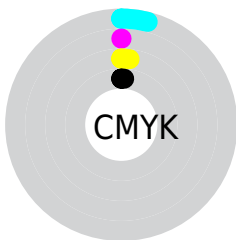
# Distribution



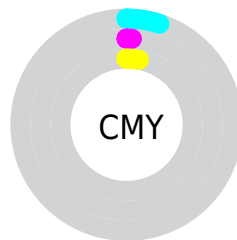
- Red (95%)
- Green (99%)
- Blue (97%)



- Red (95%)
- Yellow (97%)
- Blue (99%)



- Cyan (4%)
- Magenta (0%)
- Yellow (2%)
- Black (1%)




- Cyan (5%)
- Magenta (1%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 248.2550, -5.2720, -3.5760 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 248.2550, -5.2720, -3.5760 by changing the saturation by 10% instead.




 248.2550, -5.2720,  
-3.5760

 248.2550, -5.2720,  
-3.5760


255.0000, -0.0000,  
-0.0000


 219.5540, -4.6760,  
-3.3640

 191.6680, -4.9970,  
-3.0530

 164.6680, -4.9970,  
-3.0530

 138.5540, -4.6760,  
-3.3640

 112.9670, -4.4010,  
-2.8410

 88.5540, -4.6760,  
-3.3640

 64.9670, -4.4010,

-2.8410

■ 43.2660, -3.8050,  
-2.6290

■ 22.3800, -4.1260,  
-2.3180

■ 248.2550, -5.2720,  
-3.5760

■ 248.2550, -5.2720,  
-3.5760

■ 239.7540,  
-17.2830, -11.6750

■ 253.2390, 0.8250,  
1.5690

■ 231.2530,  
-29.2940, -19.7740

■ 222.3390,  
-41.5800, -28.3960

■ 213.8380,  
-53.5910, -36.4950

■ 205.3370,  
-65.6020, -44.5940

■ 196.8360,  
-77.6130, -52.6930

■ 188.3350,  
-89.6240, -60.7920

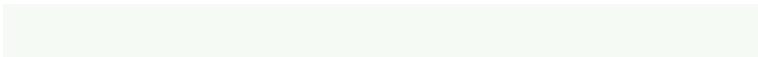
■ 179.5350,  
-102.2310, -69.1030

■ 170.9200,  
-113.9210, -77.5130

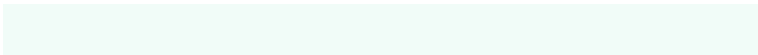
# Harmonies

## Analogous

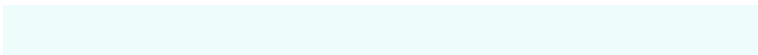
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



248.4080, -1.3290, -3.4490



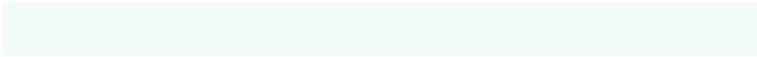
248.2550, -5.2720, -3.5760



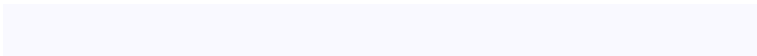
248.1130, -7.7480, -2.7560

# Triad

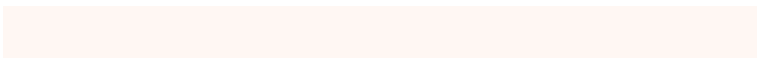
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



248.2550, -5.2720, -3.5760



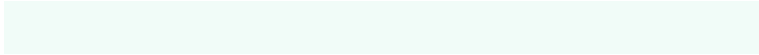
249.6840, -1.9260, 1.8660



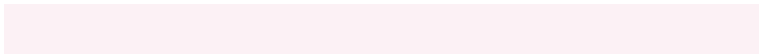
248.9360, 6.0520, 0.4520

# Complementary

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



248.2550, -5.2720, -3.5760



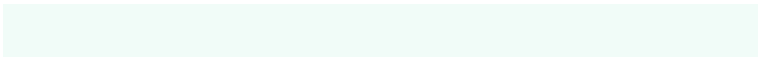
244.7450, 5.2720, 3.5760

# 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.



249.2780, 5.0890, 1.3850



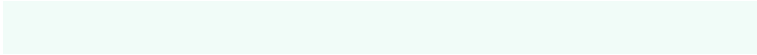
248.2550, -5.2720, -3.5760



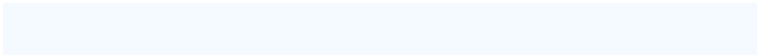
250.5920, 1.3290, 3.4490

# Square

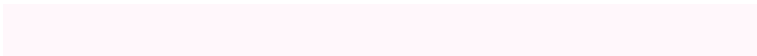
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



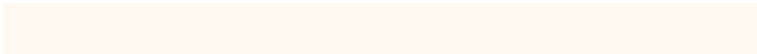
248.2550, -5.2720, -3.5760



248.7760, -5.1810, 0.2830



249.8480, 3.4840, 2.9400

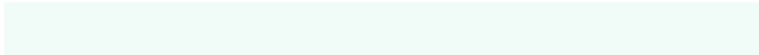


249.8820, 6.1440, -1.2160

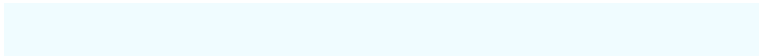


# Rectangle

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



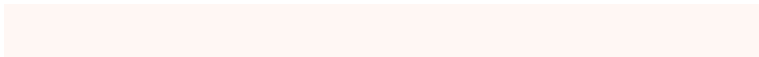
248.2550, -5.2720, -3.5760



248.7540, -8.1150, -1.6110



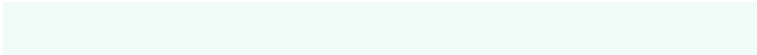
249.8480, 3.4840, 2.9400



249.0500, 5.7310, 0.7630

# Sweetspot

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



248.2550, -5.2720, -3.5760



253.9890, -1.4670, -0.9470



248.6530, -0.6410, -4.9050



127.2880, -0.8710, -0.7350



0.0000, 0.0000, 0.0000

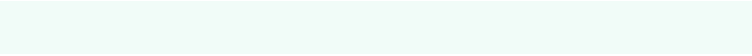


128.0000, -0.0000, -0.0000

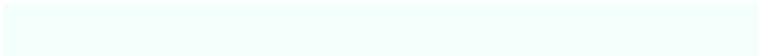


# Same Dimension

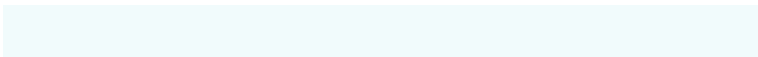
The Same Dimension uses a secret algorithm to generate beautiful new colors.



248.2550, -5.2720, -3.5760



250.5430, -6.1430, -4.3110



248.1240, -6.2810, -1.8090



122.2660, -3.8050, -2.6290



124.6230, -90.4950, -61.5270

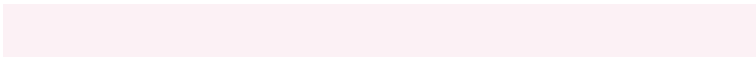


40.2530, -29.2940, -19.7740



# Inverse Universe

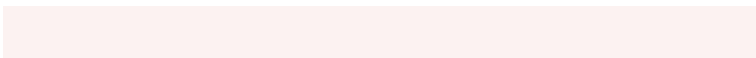
The Inverse Universe completely reimagines the original color for something new.



244.7450, 5.2720, 3.5760



246.4570, 6.1430, 4.3110



244.8760, 6.2810, 1.8090



119.7340, 3.8050, 2.6290



64.3770, 90.4950, 61.5270

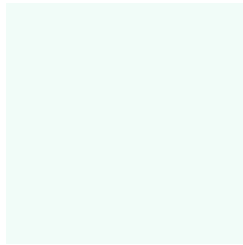


20.7470, 29.2940, 19.7740



# Previews

## White Background



This preview shows how the YIQ color 248.2550, -5.2720, -3.5760 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

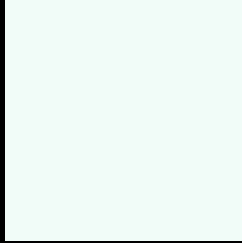
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 248.2550, -5.2720, -3.5760 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

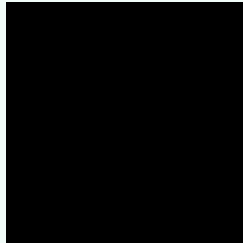
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

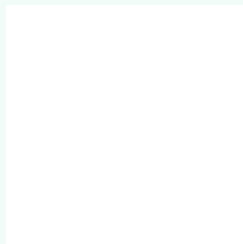
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**YIQ 248.2550, -5.2720, -3.5760**

## **Background**



This preview shows how black text looks on a background with the YIQ color 248.2550, -5.2720, -3.5760.



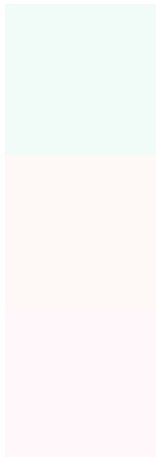
This preview shows how white text looks on a background with the YIQ color 248.2550, -5.2720, -3.5760.

-3.560.

# 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

248.2550, -5.2720, -3.5760

### Protanopia

249.5660, 4.2180, 0.6500

### Deuteranopia

249.7340, 3.8050, 2.6290

## **Tritanopia**

249.3850, -2.5220, 1.6540

# Trichromacy



**Original Color**

248.2550, -5.2720, -3.5760

**Protanomaly**

248.7720, 0.6420, -0.6220

**Deuteranomaly**

249.2990, 0.5960, 0.2120

**Tritanomaly**

248.7330, -3.6220, -0.4380

# Monochromacy



**Original Color**

248.2550, -5.2720, -3.5760

**Achromatopsia**

248.0000, -0.0000, -0.0000

**Achromatomaly**

247.6900, -2.0630, -1.1590

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 248.2550, -5.2720, -3.5760 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, 252, 248)` looks like.

```
.text, #text, p{  
    color:rgb(241, 252, 248)  
}
```

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, 252, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 252, 248) }
```

## Border

The CSS property to change the border of an element to YIQ 248.2550, -5.2720, -3.5760 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, 252, 248) }
```



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

```
.border{ border-color:rgb(241, 252, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 252, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 252, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 252, 248);  
box-shadow:4px 4px 4px 4px rgb(241, 252,  
248) }
```

# Background

The CSS property to change the background color of an element to YIQ 248.2550, -5.2720, -3.5760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 252, 248) }
```

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

```
.background{ background-color: rgb(241,  
252, 248) }
```

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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