

# Converting Colors

YIQ(246.5580, -10.4990,  
-2.4590)

Have a look what the booklet for  
YIQ(246.5580, -10.4990, -2.4590)  
contains.

<b>YIQ(246.5580, -10.4990, -2.4590)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YIQ(246.5580, -10.4990,  
-2.4590)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EBFBFE
RGB	235, 251, 254
RGB Percent	92%, 98%, 100%
CMY	0.0785, 0.0156, 0.0040
CMYK	0.07, 0.01, 0.00, 0.00
HSL	189°, 90%, 96%
HSV	189°, 7%, 100%
XYZ	86.6448, 93.8142, 107.2978
YIQ	246.5580, -10.4990, -2.4590

# Conversions

## Conversions Part 2

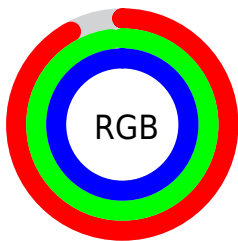
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	235, 244, 254
Decimal	15465470
CIE Lab	97.56, -4.66, -3.24
CIE LCh	98, 5.674, 214.780
Yxy	93.8142, 0.3011, 0.3260
Android (android.graphics.Color)	4293655550 (0xFFEBFBFE)
YUV	246.5580, 3.6689, -10.1364
Hunter-Lab	96.8577, -9.8226, 2.1197

# Details

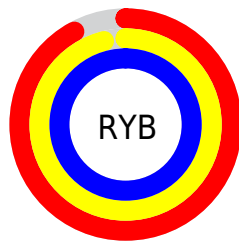
The YIQ color  $246.5580, -10.4990, -2.4590$  is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be  $242.4420, 10.4990, 2.4590$ , and the grayscale version is  $247.0000, -0.0000, -0.0000$ .

A 20% lighter version of the original color is  $255.0000, -0.0000, -0.0000$ , and  $190.4440, -10.1780, -2.7700$  is the 20% darker color. If you saturate the color by 10%, you get  $236.7350, -24.2990, -5.6670$ , and if you desaturate by 10%, it is  $254.8860, 0.3210, -0.3110$ .

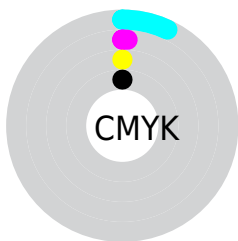
# Distribution



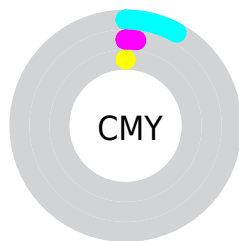
- Red (92%)
- Green (98%)
- Blue (100%)



- Red (92%)
- Yellow (96%)
- Blue (100%)



- Cyan (7%)
- Magenta (1%)
- Yellow (0%)
- Black (0%)




- Cyan (8%)
- Magenta (2%)
- Yellow (0%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 246.5580, -10.4990, -2.4590 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 246.5580, -10.4990, -2.4590 by changing the saturation by 10% instead.



 246.5580,  
-10.4990, -2.4590

 246.5580,  
-10.4990, -2.4590


255.0000, -0.0000,  
-0.0000


 217.8570, -9.9030,  
-2.2470

 190.4440,  
-10.1780, -2.7700

 162.8570, -9.9030,  
-2.2470

 136.8570, -9.9030,  
-2.2470

 111.1560, -9.3070,  
-2.0350

 87.0420, -8.9860,  
-2.3460

 63.4550, -8.7110,

-1.8230

■ 41.7540, -8.1150,  
-1.6110

■ 21.0420, -8.9860,  
-2.3460

■ 246.5580,  
-10.4990, -2.4590

■ 246.5580,  
-10.4990, -2.4590

■ 236.7350,  
-24.2990, -5.6670

254.8860, 0.3210,  
-0.3110

■ 226.6130,  
-38.6950, -9.0870

■ 216.7900,  
-52.4950, -12.2950

■ 206.6680,  
-66.8910, -15.7150

■ 196.8450,  
-80.6910, -18.9230

■ 187.0220,  
-94.4910, -22.1310

■ 176.9000,  
-108.8870, -25.5510

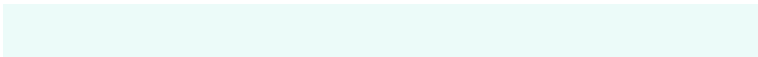
■ 167.0770,  
-122.6870, -28.7590

■ 156.9550,  
-137.0830, -32.1790

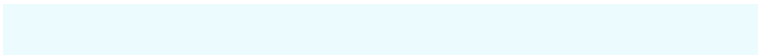
# Harmonies

## Analogous

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



246.2870, -8.2980, -3.8020



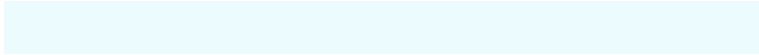
246.5580, -10.4990, -2.4590



246.9820, -8.7570, -0.9890

# Triad

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



246.5580, -10.4990, -2.4590



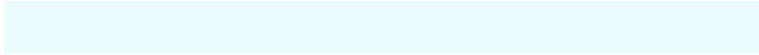
248.9020, 3.3920, 4.6080



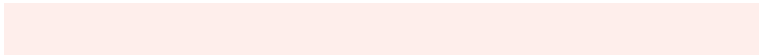
247.9420, 5.9150, -2.5730

# Complementary

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



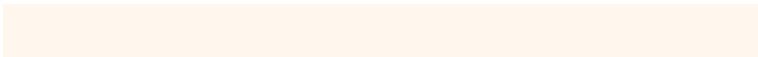
246.5580, -10.4990, -2.4590



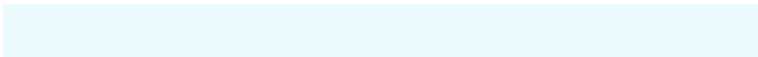
242.4420, 10.4990, 2.4590

# 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.



247.7790, 7.9320, -0.5800



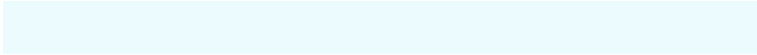
246.5580, -10.4990, -2.4590



247.6310, 5.5930, 3.2650

# Square

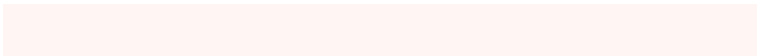
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



246.5580, -10.4990, -2.4590



248.2220, -0.5050, 3.6470



247.6480, 6.9230, 1.1870

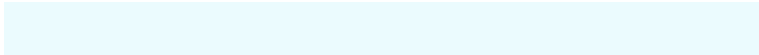


247.2510, 0.5510, -4.4810

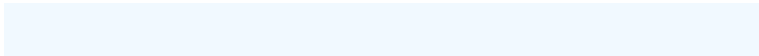


# Rectangle

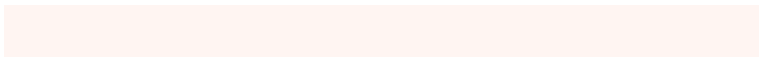
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



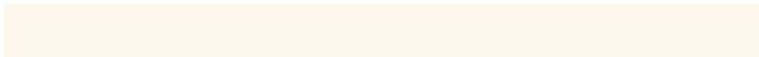
246.5580, -10.4990, -2.4590



247.2920, -6.6940, 0.1700



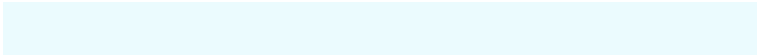
247.6480, 6.9230, 1.1870



247.9530, 7.3820, -1.6260

# Sweetspot

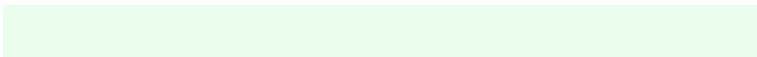
The Sweet Spot groups the original color and five complimentary colors.



246.5580, -10.4990, -2.4590



252.9180, -2.7050, -0.5370



246.4950, -6.1880, -9.0040



126.5160, -1.5130, -0.1130



0.0000, 0.0000, 0.0000

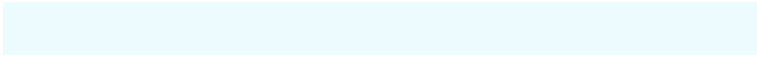


128.0000, -0.0000, -0.0000

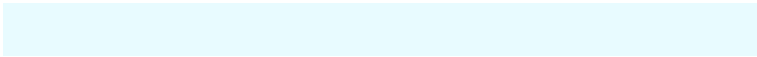


# Same Dimension

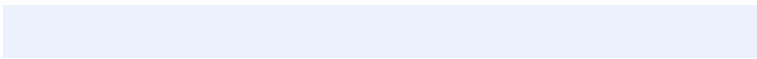
The Same Dimension uses a secret algorithm to generate beautiful new colors.



246.5580, -10.4990, -2.4590



245.7750, -12.6080, -2.7840



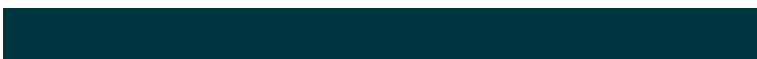
241.2750, -8.0240, 2.2480



122.9390, -7.1980, -1.7100



116.2810, -105.5860, -24.8020



38.9940, -35.3940, -8.3380



# Inverse Universe

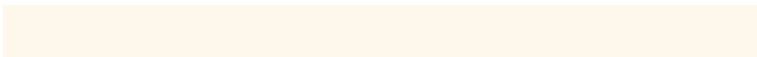
The Inverse Universe completely reimagines the original color for something new.



242.5050, 6.1880, 9.0040



241.0430, 7.6090, 10.7850



247.7250, 8.0240, -2.2480



120.1410, 4.2170, 6.1770



75.4630, 62.1550, 90.5630

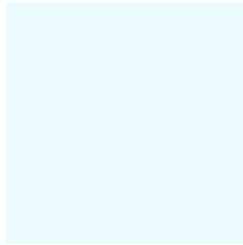


25.2920, 20.8100, 30.3620



# Previews

## White Background



This preview shows how the YIQ color 246.5580, -10.4990, -2.4590 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

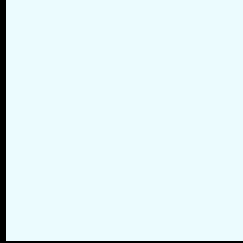
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 246.5580, -10.4990, -2.4590 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

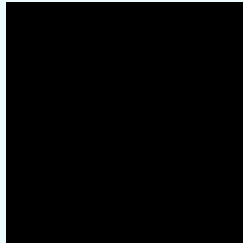
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 246.5580, -10.4990, -2.4590

## Background



This preview shows how black text looks on a background with the YIQ color 246.5580, -10.4990, -2.4590.



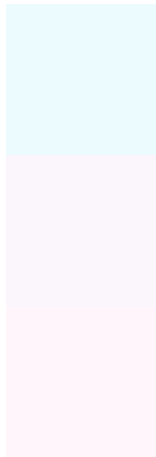
This preview shows how white text looks on a background with the YIQ color 246.5580, -10.4990, -2.4590.

-2,4590.

# 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

246.5580, -10.4990, -2.4590

### Protanopia

248.0650, 1.3750, 2.6150

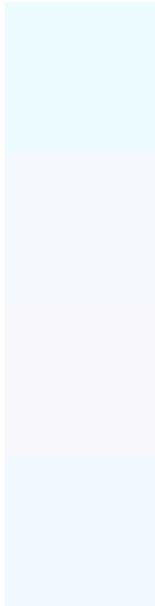
### Deuteranopia

248.6740, 4.0340, 3.9860

## **Tritanopia**

247.6020, -4.6310, 1.3290

# Trichromacy



## Original Color

246.5580, -10.4990, -2.4590

## Protanomaly

247.5590, -3.0720, 0.6080

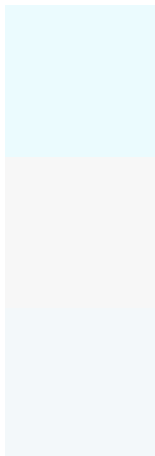
## Deuteranomaly

247.8690, -1.0090, 1.7670

## Tritanomaly

247.2920, -6.6940, 0.1700

# Monochromacy



## Original Color

246.5580, -10.4990, -2.4590

## Achromatopsia

247.0000, -0.0000, -0.0000

## Achromatomaly

246.7330, -3.6220, -0.4380

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 246.5580, -10.4990, -2.4590 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, 251, 254)` looks like.

```
.text, #text, p{  
    color:rgb(235, 251, 254)  
}
```

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, 251, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 251, 254) }
```

## Border

The CSS property to change the border of an element to YIQ 246.5580, -10.4990, -2.4590 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, 251, 254) }
```



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

```
.border{ border-color:rgb(235, 251, 254) }
```

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

Here you see how a box with a 4 pixel rgb(235, 251, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 251, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 251, 254);  
box-shadow:4px 4px 4px 4px rgb(235, 251,  
254) }
```

# Background

The CSS property to change the background color of an element to YIQ 246.5580, -10.4990, -2.4590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 251, 254) }
```

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

```
.background{ background-color: rgb(235,  
251, 254) }
```

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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