

# Converting Colors

YIQ(244.9290, -1.2380, 0.4100)

Have a look what the booklet for  
YIQ(244.9290, -1.2380, 0.4100)  
contains.

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# Color

**YIQ(244.9290, -1.2380,  
0.4100)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F4F5F7
RGB	244, 245, 247
RGB Percent	96%, 96%, 97%
CMY	0.0431, 0.0392, 0.0314
CMYK	0.01, 0.01, 0.00, 0.03
HSL	220°, 16%, 96%
HSV	220°, 1%, 97%
XYZ	86.7489, 91.2534, 101.0359
YIQ	244.9290, -1.2380, 0.4100

# Conversions

## Conversions Part 2

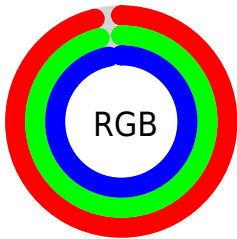
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	244, 245, 247
Decimal	16053751
CIE Lab	96.51, 0.03, -1.08
CIE LCh	97, 1.085, 271.503
Yxy	91.2534, 0.3109, 0.3270
Android (android.graphics.Color)	4294243831 (0xFFFF4F5F7)
YUV	244.9290, 1.0210, -0.8147
Hunter-Lab	95.5267, -5.0736, 4.1593

# Details

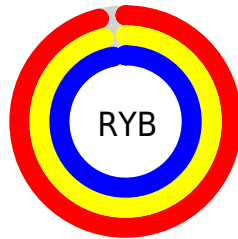
The YIQ color  $244.9290, -1.2380, 0.4100$  is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be  $246.0710, 1.2380, -0.4100$ , and the grayscale version is  $245.0000, -0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, -0.0000, -0.0000$ , and  $188.9290, -1.2380, 0.4100$  is the 20% darker color. If you saturate the color by 10%, you get  $228.0620, -11.7380, 3.4780$ , and if you desaturate by 10%, it is  $254.0880, 2.5680, -2.4880$ .

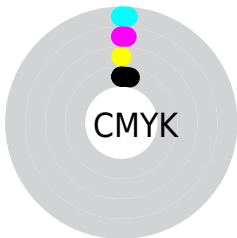
# Distribution



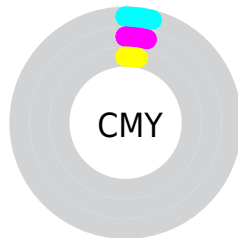
- Red (96%)
- Green (96%)
- Blue (97%)



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



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



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

# Brightness & Saturation Gradients

These gradients show how the YIQ color 244.9290, -1.2380, 0.4100 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 244.9290, -1.2380, 0.4100 by changing the saturation by 10% instead.



244.9290, -1.2380,  
0.4100

244.9290, -1.2380,  
0.4100

255.0000, -0.0000,  
-0.0000

216.9290, -1.2380,  
0.4100

188.9290, -1.2380,  
0.4100

161.9290, -1.2380,  
0.4100

135.8150, -0.9170,  
0.0990

109.9290, -1.2380,  
0.4100

85.9290, -1.2380,  
0.4100

62.8150, -0.9170,

0.0990

■ 40.8150, -0.9170,  
0.0990

■ 20.2280, -0.6420,  
0.6220

■ 244.9290, -1.2380,  
0.4100

■ 244.9290, -1.2380,  
0.4100

■ 228.0620,  
-11.7380, 3.4780

■ 254.0880, 2.5680,  
-2.4880

■ 210.9070,  
-21.3670, 7.2810

■ 194.0400,  
-31.8670, 10.3490

■ 176.5860,  
-42.0920, 13.9400

■ 160.0180,  
-51.9960, 17.2200

■ 142.5640,  
-62.2210, 20.8110

■ 125.6970,  
-72.7210, 23.8790

■ 108.8300,  
-83.2210, 26.9470

■ 91.6750, -92.8500,  
30.7500

# Harmonies

## Analogous

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



244.6300, -1.8340, 0.1980



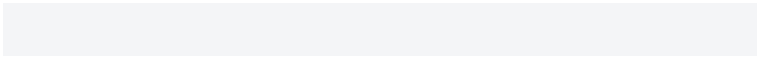
244.9290, -1.2380, 0.4100



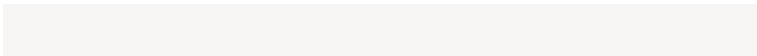
245.2280, -0.6420, 0.6220

# Triad

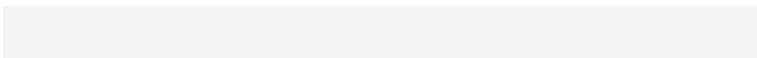
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



244.9290, -1.2380, 0.4100



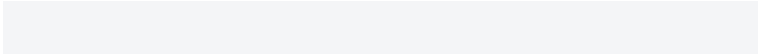
244.8970, 1.7880, 0.6360



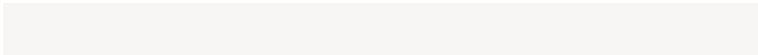
244.2880, -0.8710, -0.7350

# Complementary

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



244.9290, -1.2380, 0.4100



246.0710, 1.2380, -0.4100

# 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.



244.7720, 0.6420, -0.6220



244.9290, -1.2380, 0.4100



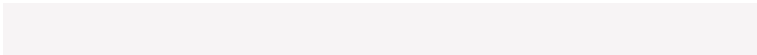
245.3700, 1.8340, -0.1980

# Square

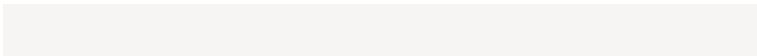
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



244.9290, -1.2380, 0.4100



245.0110, 1.4670, 0.9470



245.0710, 1.2380, -0.4100

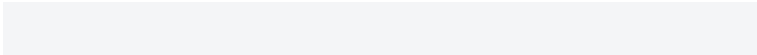


244.9890, -1.4670, -0.9470

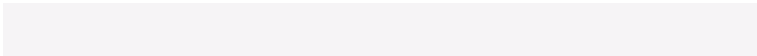


# Rectangle

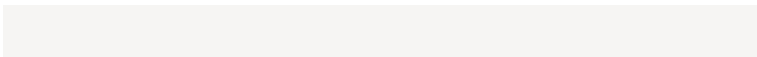
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



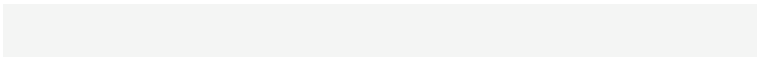
244.9290, -1.2380, 0.4100



244.8260, 0.5500, 1.0460



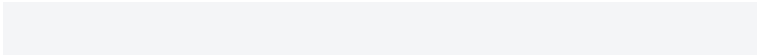
245.0710, 1.2380, -0.4100



244.5870, -0.2750, -0.5230

# Sweetspot

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



244.9290, -1.2380, 0.4100

255.0000, -0.0000, -0.0000



245.9890, -1.4670, -0.9470



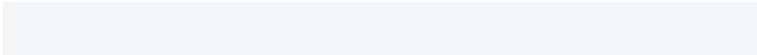
128.0000, -0.0000, -0.0000



0.0000, 0.0000, 0.0000

# Same Dimension

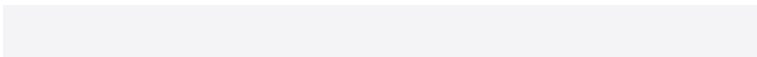
The Same Dimension uses a secret algorithm to generate beautiful new colors.



244.9290, -1.2380, 0.4100



252.9290, -1.2380, 0.4100



244.3420, -0.9630, 0.9330



121.7010, -0.5960, -0.2120



57.5980, -76.7560, 25.4200

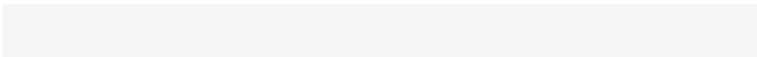


18.4660, -24.4390, 7.8890



# Inverse Universe

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



245.0110, 1.4670, 0.9470



253.0110, 1.4670, 0.9470



246.6580, 0.9630, -0.9330



121.4130, 0.2750, 0.5230



62.6820, 90.9540, 58.7140

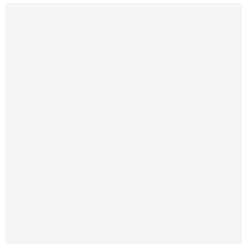


19.9210, 28.7440, 18.7280



# Previews

## White Background



This preview shows how the YIQ color 244.9290, -1.2380, 0.4100 looks on a white background.

## Color Contrast Check

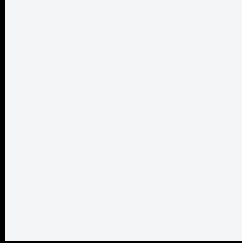
Large Text (above 18pt) WCAG AA × Fail

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 244.9290, -1.2380, 0.4100 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](#).

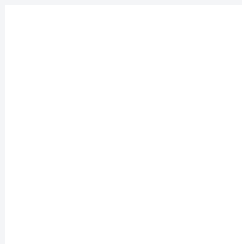


**YIQ 244.9290, -1.2380, 0.4100**

## **Background**



This preview shows how black text looks on a background with the YIQ color 244.9290, -1.2380, 0.4100.



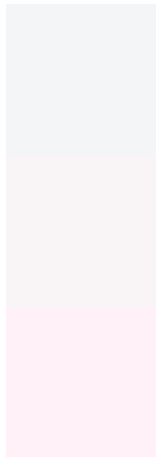
This preview shows how white text looks on a background with the YIQ color 244.9290, -1.2380,

0.4100.

# 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

244.9290, -1.2380, 0.4100

### Protanopia

245.7230, 2.3380, 1.6820

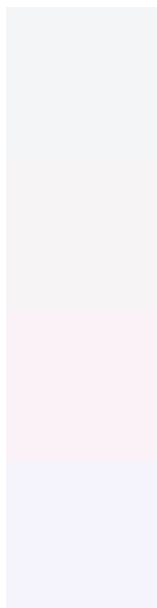
### Deuteranopia

245.8700, 6.4180, 4.8340

## **Tritanopia**

245.8520, -2.3390, 3.8450

# Trichromacy



## Original Color

244.9290, -1.2380, 0.4100

## Protanomaly

245.1250, 1.1460, 1.2580

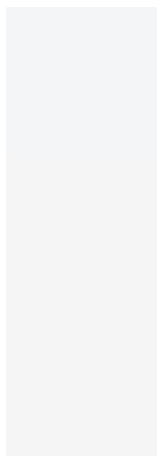
## Deuteranomaly

245.2610, 3.7590, 3.4630

## Tritanomaly

245.2110, -1.9720, 2.7000

# Monochromacy



## Original Color

244.9290, -1.2380, 0.4100

## Achromatopsia

245.0000, -0.0000, 0.0000

## Achromatomaly

245.1140, -0.3210, 0.3110

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 244.9290, -1.2380, 0.4100 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(244, 245, 247)` looks like.

```
.text, #text, p{  
    color:rgb(244, 245, 247)  
}
```

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(244, 245, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 245, 247) }
```

## Border

The CSS property to change the border of an element to YIQ 244.9290, -1.2380, 0.4100 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(244, 245, 247) }
```

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

```
.border{ border-color:rgb(244, 245, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 245, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 245, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 245, 247);  
box-shadow:4px 4px 4px 4px rgb(244, 245,  
247) }
```



# Background

The CSS property to change the background color of an element to YIQ 244.9290, -1.2380, 0.4100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 245, 247) }
```

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

```
.background{ background-color: rgb(244,  
245, 247) }
```

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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