

Converting Colors

YIQ(240.9580, 8.9860, 2.3460)

Have a look what the booklet for
YIQ(240.9580, 8.9860, 2.3460)
contains.

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Color

**YIQ(240.9580, 8.9860,
2.3460)**

Conversions

Conversions Part 1

Format	Color
Hex	FBEDEB
RGB	251, 237, 235
RGB Percent	98%, 93%, 92%
CMY	0.0156, 0.0706, 0.0784
CMYK	0.00, 0.06, 0.06, 0.02
HSL	7°, 67%, 95%
HSV	7°, 6%, 98%
XYZ	85.0659, 87.0744, 90.9280
YIQ	240.9580, 8.9860, 2.3460

Conversions

Conversions Part 2

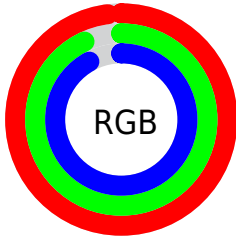
Format	Color
R _Y B	251, 237, 235
Decimal	16510443
CIE Lab	94.77, 4.39, 2.64
CIE LCh	95, 5.124, 31.042
Yxy	87.0744, 0.3234, 0.3310
Android (android.graphics.Color)	4294700523 (0xFFFFBEDEB)
YUV	240.9580, -2.9373, 8.8068
Hunter-Lab	93.3137, -0.5762, 7.5454

Details

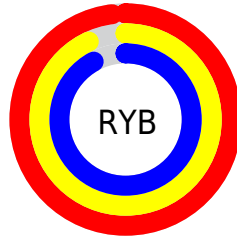
The YIQ color $240.9580, 8.9860, 2.3460$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $245.0420, -8.9860, -2.3460$, and the grayscale version is $241.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $184.6590, 8.3900, 2.1340$ is the 20% darker color. If you saturate the color by 10%, you get $225.1940, 23.0610, 6.0770$, and if you desaturate by 10%, it is $253.8040, -2.3840, -0.8480$.

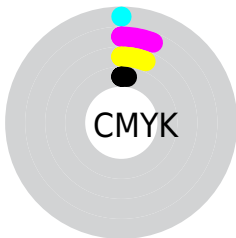
Distribution



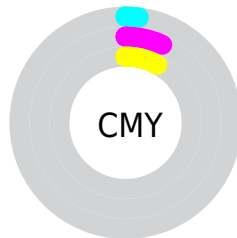
- Red (98%)
- Green (93%)
- Blue (92%)



- Red (98%)
- Yellow (93%)
- Blue (92%)



- Cyan (0%)
- Magenta (6%)
- Yellow (6%)
- Black (2%)




- Cyan (2%)
- Magenta (7%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 240.9580, 8.9860, 2.3460 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 240.9580, 8.9860, 2.3460 by changing the saturation by 10% instead.

 240.9580, 8.9860,
2.3460

 240.9580, 8.9860,
2.3460


255.0000, -0.0000,
-0.0000


 212.6590, 8.3900,
2.1340

 184.6590, 8.3900,
2.1340

 157.7730, 8.0690,
2.4450

 131.7730, 8.0690,
2.4450

 106.4740, 7.4730,
2.2330

 82.4740, 7.4730,
2.2330

 59.1750, 6.8770,

2.0210

■ 37.8760, 6.2810,
1.8090

■ 16.3600, 7.7940,
1.9220

■ 240.9580, 8.9860,
2.3460

■ 240.9580, 8.9860,
2.3460

■ 225.1940, 23.0610,
6.0770

■ 253.8040, -2.3840,
-0.8480

■ 209.4300, 37.1360,
9.8080

■ 193.6660, 51.2110,
13.5390

■ 177.9020, 65.2860,
17.2700

■ 162.1380, 79.3610,
21.0010

■ 146.2600, 93.7570,
24.4210

■ 130.4960,
107.8320, 28.1520

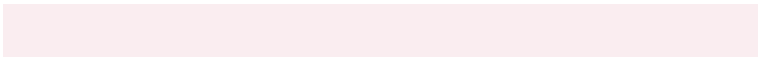
■ 114.7320,
121.9070, 31.8830

■ 98.9680, 135.9820,
35.6140

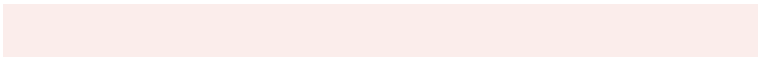
Harmonies

Analogous

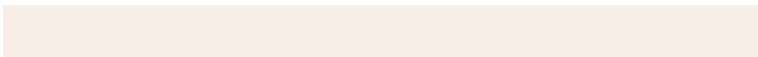
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



241.2290, 6.7850, 3.6890



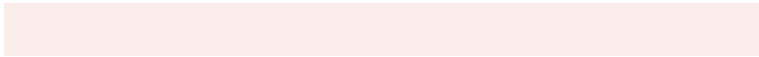
240.9580, 8.9860, 2.3460



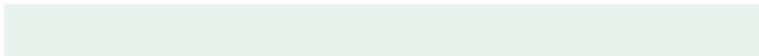
240.4910, 8.8030, 0.1550

Triad

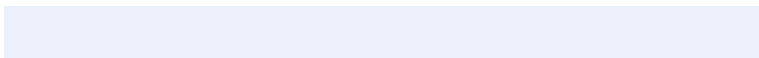
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



240.9580, 8.9860, 2.3460



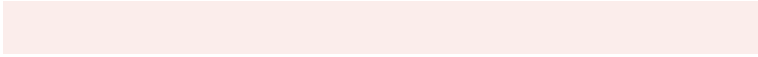
238.5110, -3.1170, -4.0850



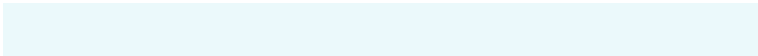
239.6450, -6.1900, 2.0500

Complementary

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



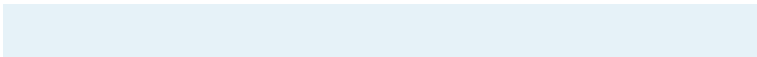
240.9580, 8.9860, 2.3460



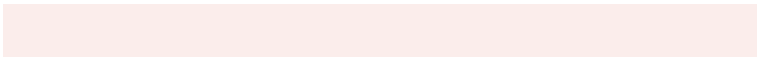
245.0420, -8.9860, -2.3460

Split Complementary

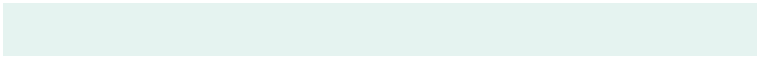
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



239.0960, -9.0780, -0.6780



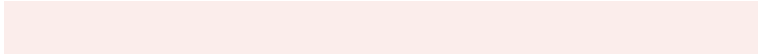
240.9580, 8.9860, 2.3460



238.4720, -7.3810, -3.9010

Square

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



240.9580, 8.9860, 2.3460



238.9630, 1.4220, -3.7460



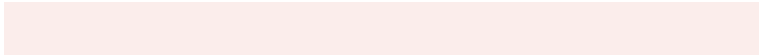
238.7430, -9.5820, -2.5580



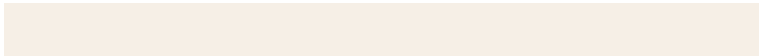
240.6240, -1.6970, 3.2230

Rectangle

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



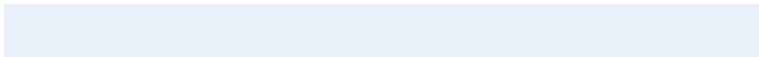
240.9580, 8.9860, 2.3460



240.0670, 7.0610, -1.3150



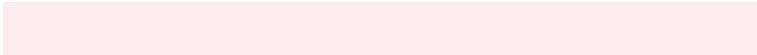
238.7430, -9.5820, -2.5580



239.6340, -7.6570, 1.1030

Sweetspot

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



240.9580, 8.9860, 2.3460



252.0820, 2.7050, 0.5370



241.3800, 5.0420, 7.7460



125.8970, 1.7880, 0.6360



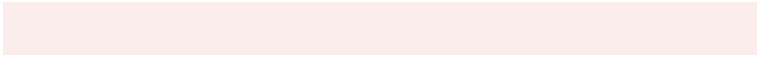
0.0000, 0.0000, 0.0000



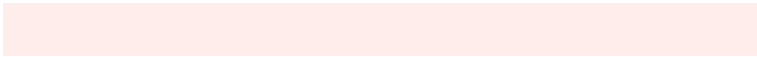
128.0000, -0.0000, -0.0000

Same Dimension

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



240.9580, 8.9860, 2.3460



242.1540, 11.3700, 3.1940



245.6540, 6.7860, -1.8380



117.0610, 7.1980, 1.7100



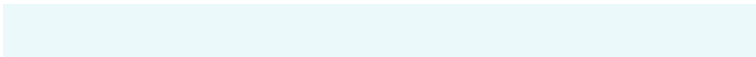
70.0120, 106.3190, 28.0390



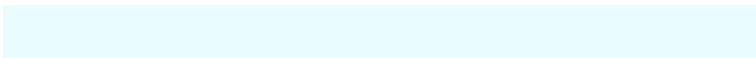
22.9350, 34.1560, 8.7480

Inverse Universe

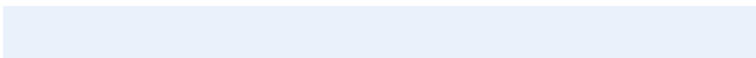
The Inverse Universe completely reimagines the original color for something new.



245.0420, -8.9860, -2.3460



247.2590, -11.0950, -2.6710



240.3460, -6.7860, 1.8380



119.9390, -7.1980, -1.7100



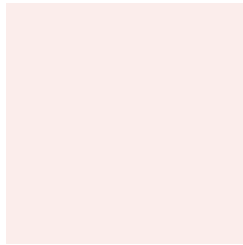
118.4010, -106.0440, -27.5160



38.6520, -34.4310, -9.2710

Previews

White Background



This preview shows how the YIQ color 240.9580, 8.9860, 2.3460 looks on a white background.

Color Contrast Check

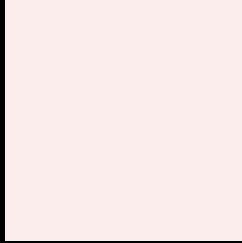
Large Text (above 18pt) WCAG AA × Fail

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 240.9580, 8.9860, 2.3460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

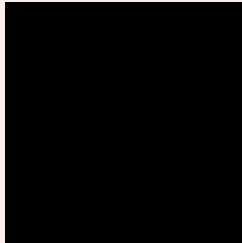
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

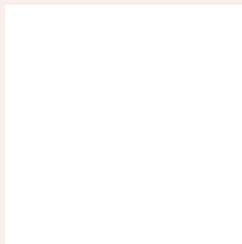
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 240.9580, 8.9860, 2.3460

Background



This preview shows how black text looks on a background with the YIQ color 240.9580, 8.9860, 2.3460.



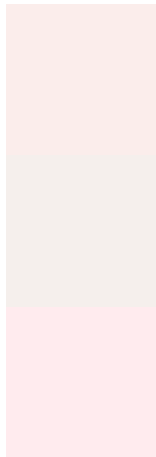
This preview shows how white text looks on a background with the YIQ color 240.9580, 8.9860,

2.3460.

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

240.9580, 8.9860, 2.3460

Protanopia

240.4520, 4.5390, 0.3390

Deuteranopia

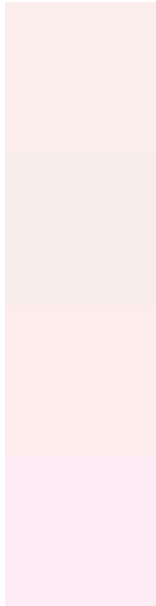
241.3220, 10.9570, 5.1730



Tritanopia

242.1460, 5.8210, 10.1490

Trichromacy



Original Color

240.9580, 8.9860, 2.3460

Protanomaly

240.4630, 6.0060, 1.2860

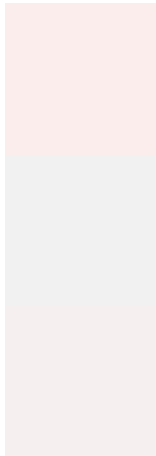
Deuteranomaly

241.4960, 10.4070, 4.1270

Tritanomaly

241.6360, 7.1970, 7.2370

Monochromacy



Original Color

240.9580, 8.9860, 2.3460

Achromatopsia

241.0000, -0.0000, -0.0000

Achromatomaly

241.3810, 3.3010, 0.7490

CSS Examples

Text

The CSS property to change the color of the text to YIQ 240.9580, 8.9860, 2.3460 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(251, 237, 235)` looks like.

```
.text, #text, p{  
    color:rgb(251, 237, 235)  
}
```

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(251, 237, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 237, 235) }
```

Border

The CSS property to change the border of an element to YIQ 240.9580, 8.9860, 2.3460 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(251, 237, 235) }
```


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

```
.border{ border-color:rgb(251, 237, 235) }
```

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

Here you see how a box with a 4 pixel rgb(251, 237, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 237, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 237, 235);  
box-shadow:4px 4px 4px 4px rgb(251, 237,  
235) }
```

Background

The CSS property to change the background color of an element to YIQ 240.9580, 8.9860, 2.3460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 237, 235) }
```

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

```
.background{ background-color: rgb(251,  
237, 235) }
```

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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