

Converting Colors

YIQ(248.1040, 5.6390, 2.4310)

Have a look what the booklet for
YIQ(248.1040, 5.6390, 2.4310)
contains.

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Color

**YIQ(248.1040, 5.6390,
2.4310)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF5F6
RGB	255, 245, 246
RGB Percent	100%, 96%, 96%
CMY	0.0000, 0.0392, 0.0353
CMYK	0.00, 0.04, 0.04, 0.00
HSL	354°, 100%, 98%
HSV	354°, 4%, 100%
XYZ	90.5265, 93.2164, 100.4145
YIQ	248.1040, 5.6390, 2.4310

Conversions

Conversions Part 2

Format	Color
RYB	255, 245, 246
Decimal	16774646
CIELab	97.32, 3.52, 0.70
CIELCh	97, 3.584, 11.212
Yxy	93.2164, 0.3186, 0.3280
Android (android.graphics.Color)	4294964726 (0xFFFFF5F6)
YUV	248.1040, -1.0373, 6.0478
Hunter-Lab	96.5487, -1.5939, 5.9201

Details

The YIQ color 248.1040, 5.6390, 2.4310 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 251.8960, -5.6390, -2.4310, 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 191.8050, 5.0430, 2.2190 is the 20% darker color. If you saturate the color by 10%, you get 230.8070, 19.8970, 8.3530, and if you desaturate by 10%, it is 255.0000, -0.0000, -0.0000.

Distribution



Red (100%)

Green (96%)

Blue (96%)



Red (100%)

Yellow (96%)

Blue (96%)



Cyan (0%)

Magenta (4%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (4%)


Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 248.1040, 5.6390, 2.4310 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 248.1040, 5.6390, 2.4310 by changing the saturation by 10% instead.


 248.1040, 5.6390,
2.4310

 248.1040, 5.6390,
2.4310

255.0000, -0.0000,
-0.0000


 219.8050, 5.0430,
2.2190

 191.8050, 5.0430,
2.2190

 164.8050, 5.0430,
2.2190

 138.3920, 4.7680,
1.6960

 112.8050, 5.0430,
2.2190

 88.5060, 4.4470,
2.0070

 65.2070, 3.8510,

1.7950

■ 43.2070, 3.8510,
1.7950

■ 22.7940, 3.5760,
1.2720

■ 248.1040, 5.6390,
2.4310

■ 248.1040, 5.6390,
2.4310

■ 230.8070, 19.8970,
8.3530

255.0000, -0.0000,
-0.0000

■ 212.9230, 34.4300,
14.7980

■ 195.6260, 48.6880,
20.7200

■ 177.7420, 63.2210,
27.1650

■ 160.4450, 77.4790,
33.0870

■ 142.5610, 92.0120,
39.5320

■ 125.2640,
106.2700, 45.4540

■ 107.4940,
120.4820, 52.2100

■ 90.1970, 134.7400,
58.1320

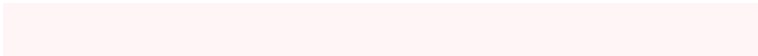
Harmonies

Analogous

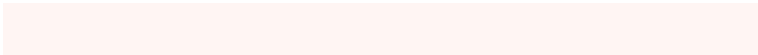
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



247.9620, 3.1630, 3.2510



248.1040, 5.6390, 2.4310



247.7620, 6.6020, 1.4980

Triad

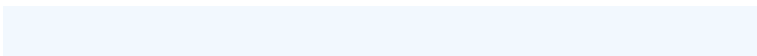
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



248.1040, 5.6390, 2.4310



246.4190, 0.1380, -2.5020



246.8900, -5.5020, 0.5940

Complementary

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



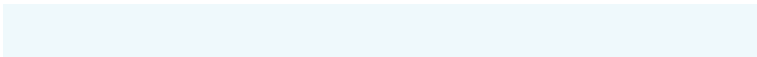
248.1040, 5.6390, 2.4310



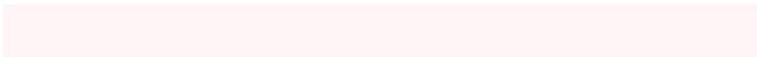
251.8960, -5.6390, -2.4310

Split Complementary

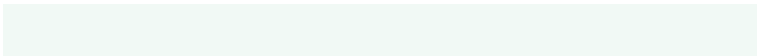
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



246.3520, -6.9230, -1.1870



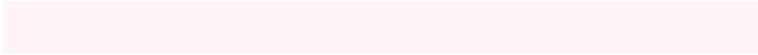
248.1040, 5.6390, 2.4310



246.1520, -3.4840, -2.9400

Square

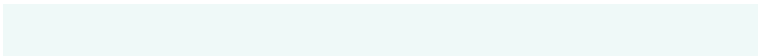
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



248.1040, 5.6390, 2.4310



246.8000, 3.4390, -1.7530



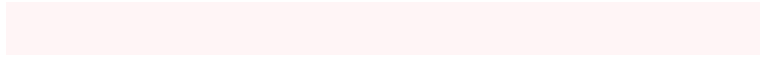
245.8960, -5.6390, -2.4310



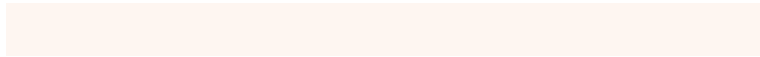
247.2000, -3.4390, 1.7530

Rectangle

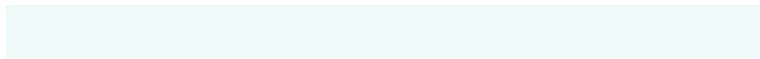
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



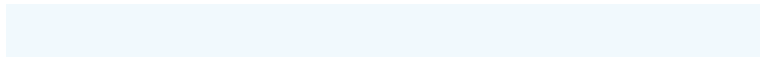
248.1040, 5.6390, 2.4310



247.8220, 6.3730, 0.1410



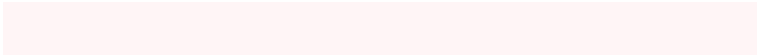
245.8960, -5.6390, -2.4310



247.0640, -6.0520, -0.4520

Sweetspot

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



248.1040, 5.6390, 2.4310



253.0110, 1.4670, 0.9470



248.8310, 2.1540, 5.0180



126.5980, 1.1920, 0.4240



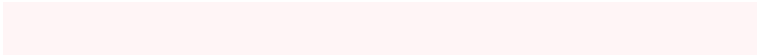
0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

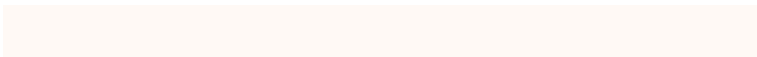
The Same Dimension uses a secret algorithm to generate beautiful new colors.



248.1040, 5.6390, 2.4310



246.1150, 7.1060, 3.3780



250.3380, 4.8600, 0.0280



122.5060, 4.4470, 2.0070



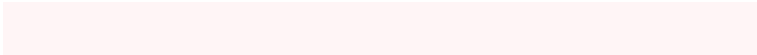
59.2750, 107.7370, 46.4010



19.8200, 36.2180, 15.4340

Inverse Universe

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



248.1040, 5.6390, 2.4310



246.1150, 7.1060, 3.3780



249.6620, -4.8600, -0.0280



122.5060, 4.4470, 2.0070



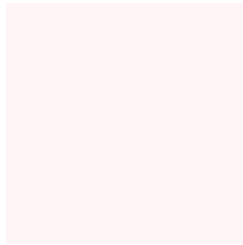
59.2750, 107.7370, 46.4010



19.8200, 36.2180, 15.4340

Previews

White Background



This preview shows how the YIQ color 248.1040, 5.6390, 2.4310 looks on a white background.

Color Contrast Check

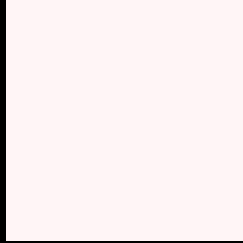
Large Text (above 18pt) WCAG AA × Fail

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 248.1040, 5.6390, 2.4310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

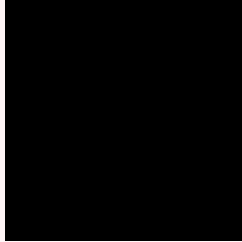
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 248.1040, 5.6390, 2.4310

Background



This preview shows how black text looks on a background with the YIQ color 248.1040, 5.6390, 2.4310.



This preview shows how white text looks on a background with the YIQ color 248.1040, 5.6390,

2.4310.

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

248.1040, 5.6390, 2.4310

Protanopia

247.9080, 3.2550, 1.5830

Deuteranopia

248.2180, 5.3180, 2.7420



Tritanopia

248.5320, 1.5580, 4.8060

Trichromacy



Original Color

248.1040, 5.6390, 2.4310

Protanomaly

248.2070, 3.8510, 1.7950

Deuteranomaly

248.2180, 5.3180, 2.7420

Tritanomaly

248.4890, 3.1170, 4.0850

Monochromacy



Original Color

248.1040, 5.6390, 2.4310

Achromatopsia

248.0000, -0.0000, -0.0000

Achromatomaly

248.1960, 2.3840, 0.8480

CSS Examples

Text

The CSS property to change the color of the text to YIQ 248.1040, 5.6390, 2.4310 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(255, 245, 246)` looks like.

```
.text, #text, p{  
    color:rgb(255, 245, 246)  
}
```

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(255, 245, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 245, 246) }
```

Border

The CSS property to change the border of an element to YIQ 248.1040, 5.6390, 2.4310 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(255, 245, 246) }
```


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

```
.border{ border-color:rgb(255, 245, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 245, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 245, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 245, 246);  
box-shadow:4px 4px 4px 4px rgb(255, 245,  
246) }
```

Background

The CSS property to change the background color of an element to YIQ 248.1040, 5.6390, 2.4310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 245, 246) }
```

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

```
.background{ background-color: rgb(255,  
245, 246) }
```

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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