

Converting Colors

YIQ(243.4080, 7.8390, 6.6150)

Have a look what the booklet for
YIQ(243.4080, 7.8390, 6.6150)
contains.

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Color

**YIQ(243.4080, 7.8390,
6.6150)**

Conversions

Conversions Part 1

Format	Color
Hex	FFEDF6
RGB	255, 237, 246
RGB Percent	100%, 93%, 96%
CMY	0.0000, 0.0706, 0.0353
CMYK	0.00, 0.07, 0.04, 0.00
HSL	330°, 100%, 96%
HSV	330°, 7%, 100%
XYZ	88.1575, 88.4782, 99.6253
YIQ	243.4080, 7.8390, 6.6150

Conversions

Conversions Part 2

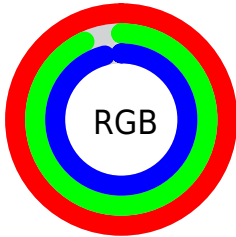
Format	Color
R_{YB}	255, 237, 246
Decimal	16772598
CIE Lab	95.36, 7.61, -2.16
CIE LCh	95, 7.907, 344.149
Yxy	88.4782, 0.3191, 0.3203
Android (android.graphics.Color)	4294962678 (0xFFFFEDF6)
YUV	243.4080, 1.2779, 10.1662
Hunter-Lab	94.0629, 2.6836, 3.0478

Details

The YIQ color $243.4080, 7.8390, 6.6150$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $248.5920, -7.8390, -6.6150$, and the grayscale version is $243.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $187.1090, 7.2430, 6.4030$ is the 20% darker color. If you saturate the color by 10%, you get $226.6640, 19.1620, 16.1700$, and if you desaturate by 10%, it is $255.0000, -0.0000, -0.0000$.

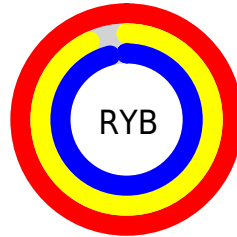
Distribution



Red (100%)

Green (93%)

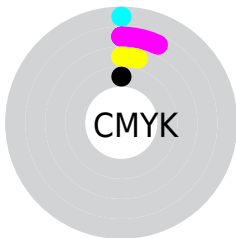
Blue (96%)



Red (100%)

Yellow (93%)

Blue (96%)

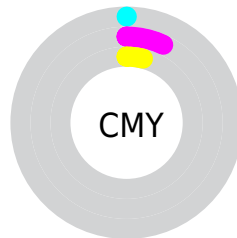


Cyan (0%)

Magenta (7%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (7%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 243.4080, 7.8390, 6.6150 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 243.4080, 7.8390, 6.6150 by changing the saturation by 10% instead.


 243.4080, 7.8390,
6.6150


 243.4080, 7.8390,
6.6150


255.0000, -0.0000,
-0.0000


 215.1090, 7.2430,
6.4030

 187.1090, 7.2430,
6.4030

 160.1090, 7.2430,
6.4030

 133.6960, 6.9680,
5.8800

 108.6960, 6.9680,
5.8800

 84.3970, 6.3720,
5.6680

 61.0980, 5.7760,

5.4560

■ 39.6850, 5.5010,
4.9330

■ 18.0980, 5.7760,
5.4560

■ 243.4080, 7.8390,
6.6150

■ 243.4080, 7.8390,
6.6150

■ 226.6640, 19.1620,
16.1700

255.0000, -0.0000,
-0.0000

■ 210.6210, 29.8890,
25.5130

■ 193.8770, 41.2120,
35.0680

■ 177.7200, 52.2600,
44.1000

■ 160.9760, 63.5830,
53.6550

■ 144.9330, 74.3100,
62.9980

■ 128.1890, 85.6330,
72.5530

■ 112.0320, 96.6810,
81.5850

■ 95.2880, 108.0040,
91.1400

Harmonies

Analogous

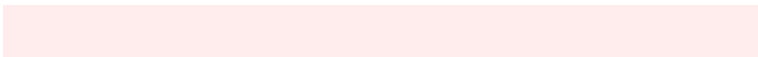
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



243.2870, 0.8700, 6.2620



243.4080, 7.8390, 6.6150



242.4960, 10.4070, 4.1270

Triad

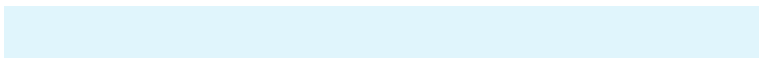
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



243.4080, 7.8390, 6.6150



240.8880, 6.0070, -4.2410



239.5190, -14.7630, -2.2750

Complementary

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



243.4080, 7.8390, 6.6150



248.5920, -7.8390, -6.6150

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.



239.0090, -13.3870, -5.1870



243.4080, 7.8390, 6.6150



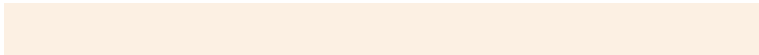
240.4140, -1.4660, -6.4740

Square

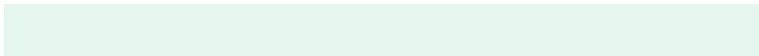
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



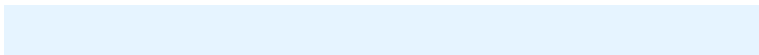
243.4080, 7.8390, 6.6150



242.1060, 11.3250, -1.4990



239.5920, -7.8390, -6.6150



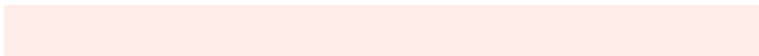
241.0680, -11.8750, 0.4530

Rectangle

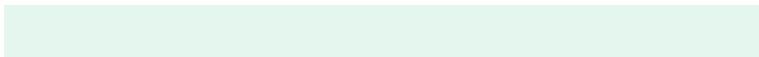
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



243.4080, 7.8390, 6.6150



241.9260, 12.0120, 2.5720



239.5920, -7.8390, -6.6150



239.5790, -14.9920, -3.6320

Sweetspot

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



243.4080, 7.8390, 6.6150



251.7230, 2.3380, 1.6820



241.7430, -0.4140, 7.5060



126.0110, 1.4670, 0.9470



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

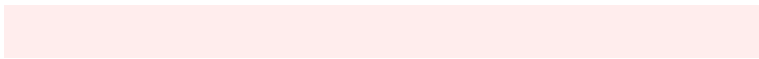
The Same Dimension uses a secret algorithm to generate beautiful new colors.



243.4080, 7.8390, 6.6150



242.1200, 8.7100, 7.3500



242.3820, 10.7280, 3.8160



119.5710, 5.8220, 4.6220



68.0530, 83.0200, 70.3480



22.7840, 27.8720, 23.5200

Inverse Universe

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



243.4080, 7.8390, 6.6150



242.1200, 8.7100, 7.3500



249.6180, -10.7280, -3.8160



119.5710, 5.8220, 4.6220



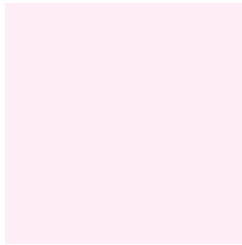
68.0530, 83.0200, 70.3480



22.7840, 27.8720, 23.5200

Previews

White Background



This preview shows how the YIQ color 243.4080, 7.8390, 6.6150 looks on a white background.

Color Contrast Check

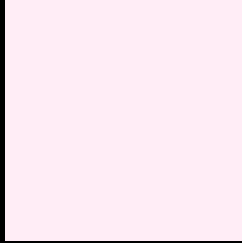
Large Text (above 18pt) WCAG AA × Fail

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 243.4080, 7.8390, 6.6150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

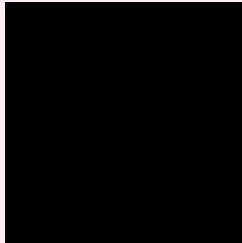
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 243.4080, 7.8390, 6.6150

Background



This preview shows how black text looks on a background with the YIQ color 243.4080, 7.8390, 6.6150.



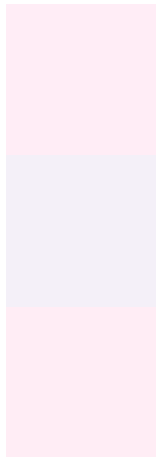
This preview shows how white text looks on a background with the YIQ color 243.4080, 7.8390,

6.6150.

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

243.4080, 7.8390, 6.6150

Protanopia

242.1080, -0.1840, 3.3360

Deuteranopia

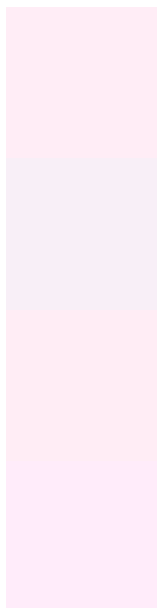
243.2940, 8.1600, 6.3040



Tritanopia

243.6190, 5.8670, 9.3150

Trichromacy



Original Color

243.4080, 7.8390, 6.6150

Protanomaly

242.6030, 2.7960, 4.3960

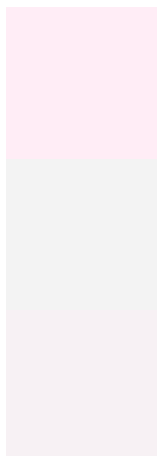
Deuteranomaly

243.2940, 8.1600, 6.3040

Tritanomaly

243.2770, 6.8300, 8.3820

Monochromacy



Original Color

243.4080, 7.8390, 6.6150

Achromatopsia

243.0000, 0.0000, -0.0000

Achromatomaly

243.1360, 2.6130, 2.2050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 243.4080, 7.8390, 6.6150 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, 237, 246)` looks like.

```
.text, #text, p{  
    color:rgb(255, 237, 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, 237, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 237, 246) }
```

Border

The CSS property to change the border of an element to YIQ 243.4080, 7.8390, 6.6150 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, 237, 246) }
```


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

```
.border{ border-color:rgb(255, 237, 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, 237, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 237, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 237, 246);  
box-shadow:4px 4px 4px 4px rgb(255, 237,  
246) }
```

Background

The CSS property to change the background color of an element to YIQ 243.4080, 7.8390, 6.6150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 237, 246) }
```

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

```
.background{ background-color: rgb(255,  
237, 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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