

Converting Colors

YIQ(243.8360, 3.7580, 8.9900)

Have a look what the booklet for
YIQ(243.8360, 3.7580, 8.9900)
contains.

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Color

**YIQ(243.8360, 3.7580,
8.9900)**

Conversions

Conversions Part 1

Format	Color
Hex	FDEDFD
RGB	253, 237, 255
RGB Percent	99%, 93%, 100%
CMY	0.0078, 0.0706, 0.0000
CMYK	0.01, 0.07, 0.00, 0.00
HSL	293°, 100%, 96%
HSV	293°, 7%, 100%
XYZ	88.8448, 88.6695, 107.0400
YIQ	243.8360, 3.7580, 8.9900

Conversions

Conversions Part 2

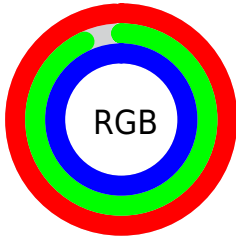
Format	Color
R_{YB}	253, 237, 255
Decimal	16641535
CIE Lab	95.44, 8.52, -6.72
CIE LCh	95, 10.857, 321.737
Yxy	88.6695, 0.3122, 0.3116
Android (android.graphics.Color)	4294831615 (0xFFFFDEDF)
YUV	243.8360, 5.5039, 8.0368
Hunter-Lab	94.1645, 3.6281, -1.4819

Details

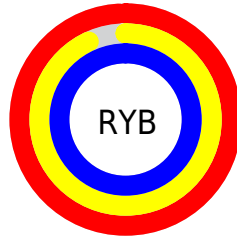
The YIQ color 243.8360, 3.7580, 8.9900 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 248.1640, -3.7580, -8.9900, and the grayscale version is 244.0000, 0.0000, -0.0000.

A 20% lighter version of the original color is 255.0000, -0.0000, -0.0000, and 187.4230, 3.4830, 8.4670 is the 20% darker color. If you saturate the color by 10%, you get 227.6770, 9.1200, 21.9520, and if you desaturate by 10%, it is 255.0000, -0.0000, -0.0000.

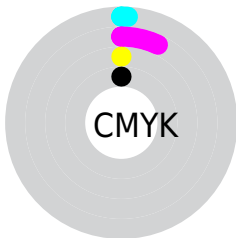
Distribution



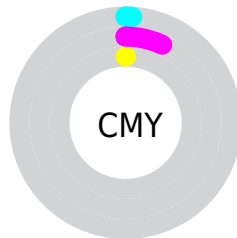
- Red (99%)
- Green (93%)
- Blue (100%)



- Red (99%)
- Yellow (93%)
- Blue (100%)



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





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

Brightness & Saturation Gradients

These gradients show how the YIQ color 243.8360, 3.7580, 8.9900 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 243.8360, 3.7580, 8.9900 by changing the saturation by 10% instead.


 243.8360, 3.7580,
8.9900


 243.8360, 3.7580,
8.9900


255.0000, -0.0000,
-0.0000


 215.4230, 3.4830,
8.4670

 187.4230, 3.4830,
8.4670

 160.4230, 3.4830,
8.4670

 134.4230, 3.4830,
8.4670

 109.0100, 3.2080,
7.9440

 84.5970, 2.9330,
7.4210

 61.5970, 2.9330,

7.4210

■ 39.7710, 2.3830,
6.3750

■ 19.0700, 2.9790,
6.5870

■ 243.8360, 3.7580,
8.9900

■ 243.8360, 3.7580,
8.9900

■ 227.6770, 9.1200,
21.9520

255.0000, -0.0000,
-0.0000

■ 212.1050, 14.2070,
34.3910

■ 196.2450, 20.1650,
47.5650

■ 180.6730, 25.2520,
60.0040

■ 164.5140, 30.6140,
72.9660

■ 148.9420, 35.7010,
85.4050

■ 132.7830, 41.0630,
98.3670

■ 117.5100, 46.7460,
111.0180

■ 101.3510, 52.1080,
123.9800

Harmonies

Analogous

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



242.0090, -4.2190, 4.8770



243.8360, 3.7580, 8.9900



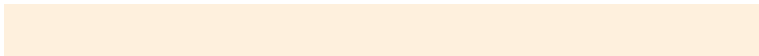
242.1200, 8.7100, 7.3500

Triad

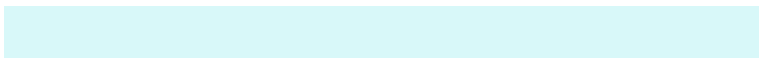
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



243.8360, 3.7580, 8.9900



242.0200, 14.4430, -2.9410



238.5460, -19.3930, -6.4730

Complementary

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



243.8360, 3.7580, 8.9900



248.1640, -3.7580, -8.9900

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.



238.4880, -13.4780, -9.0460



243.8360, 3.7580, 8.9900



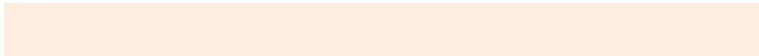
240.8940, 5.8700, -7.2660

Square

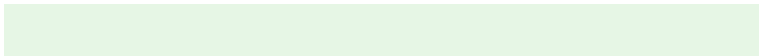
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



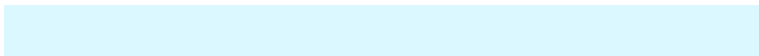
243.8360, 3.7580, 8.9900



241.1280, 14.2590, 0.3950



239.2780, -4.0790, -8.6790



239.5400, -19.2560, -3.4480

Rectangle

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



243.8360, 3.7580, 8.9900



241.3220, 10.9570, 5.1730



239.2780, -4.0790, -8.6790



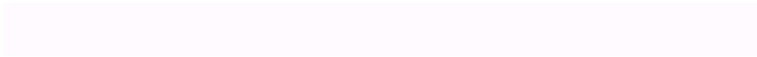
238.5030, -17.8340, -7.1940

Sweetspot

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



243.8360, 3.7580, 8.9900



251.7660, 0.7790, 2.4030



240.2260, -6.3280, 4.5520



125.9400, 0.2290, 1.3570



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.



243.8360, 3.7580, 8.9900



242.6620, 4.3080, 10.0360



243.6360, 7.1970, 7.2370



119.7710, 2.3830, 6.3750



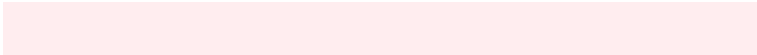
72.6040, 40.0090, 95.4410



24.3390, 13.4280, 31.9880

Inverse Universe

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



242.6100, 10.0860, 4.4380



241.2080, 11.2780, 4.8620



248.3640, -7.1970, -7.2370



119.0010, 7.4270, 3.0670



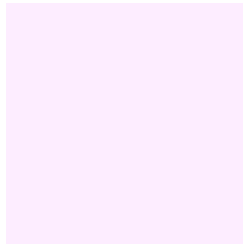
59.5030, 107.0950, 47.0230



19.9340, 35.8970, 15.7450

Previews

White Background



This preview shows how the YIQ color 243.8360, 3.7580, 8.9900 looks on a white background.

Color Contrast Check

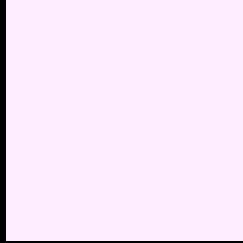
Large Text (above 18pt) WCAG AA × Fail

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 243.8360, 3.7580, 8.9900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

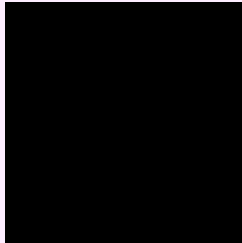
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 243.8360, 3.7580, 8.9900

Background



This preview shows how black text looks on a background with the YIQ color 243.8360, 3.7580, 8.9900.



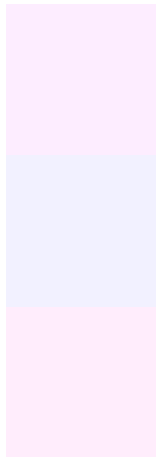
This preview shows how white text looks on a background with the YIQ color 243.8360, 3.7580,

8.9900.

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

243.8360, 3.7580, 8.9900

Protanopia

242.8950, -3.8980, 4.5660

Deuteranopia

244.0920, 5.9130, 8.4810



Tritanopia

243.8360, 3.7580, 8.9900

Trichromacy



Original Color

243.8360, 3.7580, 8.9900

Protanomaly

243.5040, -1.2390, 5.9370

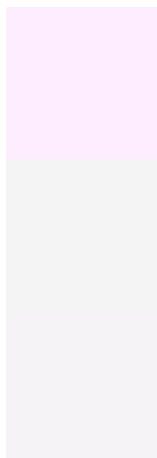
Deuteranomaly

243.9070, 4.9960, 8.5800

Tritanomaly

243.8360, 3.7580, 8.9900

Monochromacy



Original Color

243.8360, 3.7580, 8.9900

Achromatopsia

244.0000, 0.0000, -0.0000

Achromatomaly

243.5920, 1.3290, 3.4490

CSS Examples

Text

The CSS property to change the color of the text to YIQ 243.8360, 3.7580, 8.9900 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(253, 237, 255)` looks like.

```
.text, #text, p{  
    color:rgb(253, 237, 255)  
}
```

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(253, 237, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 237, 255) }
```

Border

The CSS property to change the border of an element to YIQ 243.8360, 3.7580, 8.9900 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(253, 237, 255) }
```


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

```
.border{ border-color:rgb(253, 237, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 237, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 237, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 237, 255);  
box-shadow:4px 4px 4px 4px rgb(253, 237,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 243.8360, 3.7580, 8.9900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 237, 255) }
```

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

```
.background{ background-color: rgb(253,  
237, 255) }
```

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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