

Converting Colors

YIQ(183.9950, 44.2360, 46.3480)

Have a look what the booklet for
YIQ(183.9950, 44.2360, 46.3480)
contains.

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Color

**YIQ(183.9950, 44.2360,
46.3480)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8ED6
RGB	255, 142, 214
RGB Percent	100%, 56%, 84%
CMY	0.0000, 0.4433, 0.1607
CMYK	0.00, 0.44, 0.16, 0.00
HSL	322°, 100%, 78%
HSV	322°, 44%, 100%
XYZ	63.0475, 45.4485, 69.0883
YIQ	183.9950, 44.2360, 46.3480

Conversions

Conversions Part 2

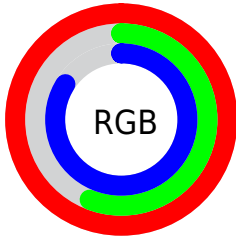
Format	Color
R _Y B	255, 142, 214
Decimal	16748246
CIE Lab	73.19, 51.64, -18.09
CIE LCh	73, 54.714, 340.691
Yxy	45.4485, 0.3550, 0.2559
Android (android.graphics.Color)	4294938326 (0xFFFF8ED6)
YUV	183.9950, 14.7925, 62.2714
Hunter-Lab	67.4155, 48.9573, -13.5703

Details

The YIQ color **183.9950, 44.2360, 46.3480** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **213.0050, -44.2360, -46.3480**, and the grayscale version is **184.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **221.5410, 15.6750, 29.8110**, and **128.3860, 41.5770, 44.9770** is the 20% darker color. If you saturate the color by 10%, you get **167.7070, 54.2750, 57.1470**, and if you desaturate by 10%, it is **199.6960, 34.4720, 36.0720**.

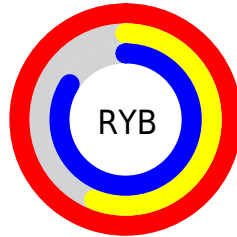
Distribution



Red (100%)

Green (56%)

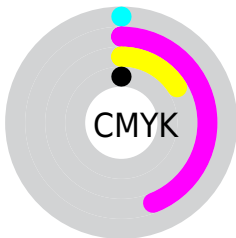
Blue (84%)



Red (100%)

Yellow (56%)

Blue (84%)

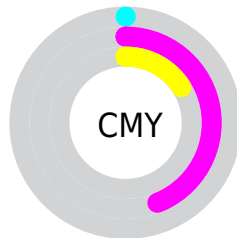


Cyan (0%)

Magenta (44%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (44%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 183.9950, 44.2360, 46.3480 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 183.9950, 44.2360, 46.3480 by changing the saturation by 10% instead.


 183.9950, 44.2360,
46.3480

 183.9950, 44.2360,
46.3480


255.0000, -0.0000,
-0.0000


 155.9840, 42.7690,
45.4010


 221.5410, 15.6750,
29.8110


 128.3860, 41.5770,
44.9770

 238.5640, 7.7000,
14.6440

 101.2010, 40.6600,
45.0760

 72.9560, 39.9720,
46.5320

 42.9500, 40.1090,
49.5570

 32.2550, 31.4000,
36.6800

 22.2720, 23.5620,

24.5380

■ 11.6910, 14.5320,
11.9720

■ 0.0000, 0.0000,
0.0000

■ 183.9950, 44.2360,
46.3480

■ 183.9950, 44.2360,
46.3480

■ 167.7070, 54.2750,
57.1470

■ 199.6960, 34.4720,
36.0720

■ 152.0060, 64.0390,
67.4230

■ 216.0980, 24.1120,
25.5840

■ 135.6040, 74.3990,
77.9110

■ 231.7990, 14.3480,
15.3080

■ 119.9030, 84.1630,
88.1870

■ 248.0870, 4.3090,
4.5090

■ 103.6150, 94.2020, 255.0000, -0.0000,
98.9860 -0.0000

■ 94.8270, 99.6570,
104.7530

Harmonies

Analogous

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



184.2960, -2.2080, 40.0320



183.9950, 44.2360, 46.3480



175.3600, 61.6610, 33.4130

Triad

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



183.9950, 44.2360, 46.3480



173.6070, 39.3900, -31.0580



146.3900, -133.8740, -29.7620

Complementary

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



183.9950, 44.2360, 46.3480



213.0050, -44.2360, -46.3480

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.



142.7930, -119.6120, -45.9480



183.9950, 44.2360, 46.3480



166.9420, -4.3940, -41.5300

Square

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



183.9950, 44.2360, 46.3480



176.9950, 68.3170, -10.1390



152.4350, -68.9940, -49.2020



142.9480, -135.2050, -22.1570

Rectangle

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



183.9950, 44.2360, 46.3480



174.5330, 70.8790, 20.5350



152.4350, -68.9940, -49.2020



145.8540, -129.6090, -35.4730

Sweetspot

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



183.9950, 44.2360, 46.3480



234.2610, 12.9270, 13.5270



166.8420, -12.4330, 43.6230



114.7610, 8.3430, 8.4950



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.



183.9950, 44.2360, 46.3480



170.1690, 52.8540, 55.3660



177.7250, 61.8910, 29.2430



119.7990, 5.1800, 5.2440



71.0170, 74.6740, 78.4340



23.8100, 24.9830, 26.3190

Inverse Universe

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



183.9950, 44.2360, 46.3480



170.1690, 52.8540, 55.3660



219.2750, -61.8910, -29.2430



119.7990, 5.1800, 5.2440



71.0170, 74.6740, 78.4340



23.8100, 24.9830, 26.3190

Previews

White Background



This preview shows how the YIQ color 183.9950, 44.2360, 46.3480 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 183.9950, 44.2360, 46.3480 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 183.9950, 44.2360, 46.3480

Background



This preview shows how black text looks on a background with the YIQ color 183.9950, 44.2360, 46.3480.



This preview shows how white text looks on a background with the YIQ color 183.9950, 44.2360,

46.3480.

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

183.9950, 44.2360, 46.3480

Protanopia

180.4690, -28.5210, 15.7910

Deuteranopia

182.0400, -5.5040, 11.6480



Tritanopia

182.5560, 54.8770, 24.1970

Trichromacy



Original Color

183.9950, 44.2360, 46.3480



Protanomaly

181.6790, -2.3890, 26.7870



Deuteranomaly

182.9980, 12.6500, 24.0580



Tritanomaly

182.9720, 51.0700, 32.6220

Monochromacy



Original Color

183.9950, 44.2360, 46.3480



Achromatopsia

184.0000, 0.0000, -0.0000



Achromatomaly

184.2230, 16.0900, 16.7780

CSS Examples

Text

The CSS property to change the color of the text to YIQ 183.9950, 44.2360, 46.3480 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, 142, 214)` looks like.

```
.text, #text, p{  
    color:rgb(255, 142, 214)  
}
```

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, 142, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 142, 214) }
```

Border

The CSS property to change the border of an element to YIQ 183.9950, 44.2360, 46.3480 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, 142, 214) }
```


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

```
.border{ border-color:rgb(255, 142, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 142, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 142, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 142, 214);  
box-shadow:4px 4px 4px 4px rgb(255, 142,  
214) }
```

Background

The CSS property to change the background color of an element to YIQ 183.9950, 44.2360, 46.3480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 142, 214) }
```

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

```
.background{ background-color: rgb(255,  
142, 214) }
```

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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