

Converting Colors

YIQ(189.8480, 40.1560, 43.1960)

Have a look what the booklet for
YIQ(189.8480, 40.1560, 43.1960)
contains.

YIQ(189.8480, 40.1560, 43.1960)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(189.8480, 40.1560,
43.1960)**

Conversions

Conversions Part 1

Format	Color
Hex	FF97DB
RGB	255, 151, 219
RGB Percent	100%, 59%, 86%
CMY	0.0000, 0.4080, 0.1411
CMYK	0.00, 0.41, 0.14, 0.00
HSL	321°, 100%, 80%
HSV	321°, 41%, 100%
XYZ	65.0894, 48.4951, 72.9665
YIQ	189.8480, 40.1560, 43.1960

Conversions

Conversions Part 2

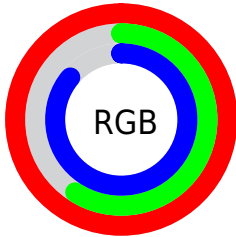
Format	Color
RYB	255, 151, 219
Decimal	16750555
CIELab	75.14, 47.89, -17.89
CIELCh	75, 51.121, 339.519
Yxy	48.4951, 0.3489, 0.2600
Android (android.graphics.Color)	4294940635 (0xFFFF97DB)
YUV	189.8480, 14.3719, 57.1383
Hunter-Lab	69.6384, 44.9724, -13.3766

Details

The YIQ color **189.8480, 40.1560, 43.1960** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **216.1520, -40.1560, -43.1960**, and the grayscale version is **190.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **226.8240, 13.2000, 25.1040**, and **134.2390, 37.4970, 41.8250** is the 20% darker color. If you saturate the color by 10%, you get **173.5600, 50.1950, 53.9950**, and if you desaturate by 10%, it is **205.5490, 30.3920, 32.9200**.

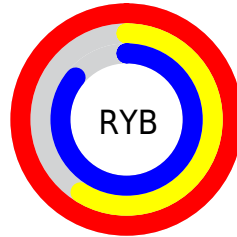
Distribution



Red (100%)

Green (59%)

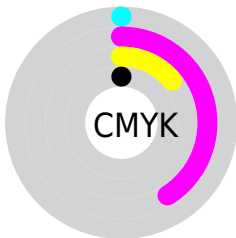
Blue (86%)



Red (100%)

Yellow (59%)

Blue (86%)

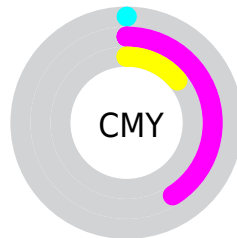


Cyan (0%)

Magenta (41%)

Yellow (14%)

Black (0%)



Cyan (0%)


Magenta (41%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 189.8480, 40.1560, 43.1960 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 189.8480, 40.1560, 43.1960 by changing the saturation by 10% instead.


 189.8480, 40.1560,
43.1960

 189.8480, 40.1560,
43.1960


255.0000, -0.0000,
-0.0000


 161.8370, 38.6890,
42.2490


 226.8240, 13.2000,
25.1040


 134.2390, 37.4970,
41.8250

 243.8470, 5.2250,
9.9370

 107.6410, 36.3050,
41.4010

 80.4560, 35.3880,
41.5000

 50.2760, 36.0750,
45.5710

 33.3090, 31.3080,
38.3480

 23.0270, 22.8740,

25.9940

■ 13.1580, 14.7150,
14.1630

■ 0.0000, 0.0000,
0.0000

■ 189.8480, 40.1560,
43.1960

■ 189.8480, 40.1560,
43.1960

■ 173.5600, 50.1950,
53.9950

■ 205.5490, 30.3920,
32.9200

■ 157.8590, 59.9590,
64.2710

■ 221.8370, 20.3530,
22.1210

■ 141.6850, 69.6770,
75.3810

■ 237.4240, 10.9100,
11.5340

■ 125.9840, 79.4410,
85.6570

■ 253.7120, 0.8710,
0.7350

■ 109.6960, 89.4800, 255.0000, -0.0000,
96.4560 -0.0000

■ 95.2830, 98.3730,
105.9970

Harmonies

Analogous

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



189.5900, -3.2160, 36.2720



189.8480, 40.1560, 43.1960



181.5550, 56.6180, 31.1940

Triad

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



189.8480, 40.1560, 43.1960



179.4160, 38.6100, -27.9340



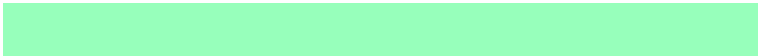
149.3250, -135.2490, -32.3770

Complementary

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



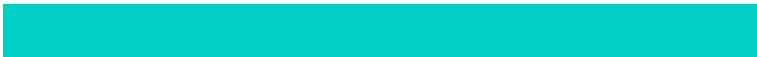
189.8480, 40.1560, 43.1960



216.1520, -40.1560, -43.1960

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.



145.3690, -121.3540, -47.4180



189.8480, 40.1560, 43.1960



173.6050, -1.8270, -38.4910

Square

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



189.8480, 40.1560, 43.1960



183.0810, 65.1990, -8.6970



162.8280, -56.7990, -44.4390



145.8830, -136.5800, -24.7720

Rectangle

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



189.8480, 40.1560, 43.1960



180.3690, 65.4690, 19.4610



162.8280, -56.7990, -44.4390



148.3160, -131.0300, -37.2540

Sweetspot

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



189.8480, 40.1560, 43.1960



235.5490, 12.0560, 12.7920



173.3210, -12.5240, 39.7640



116.6360, 7.1970, 7.2370



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.



189.8480, 40.1560, 43.1960



176.7230, 48.1780, 52.0020



184.0340, 56.5270, 27.3350



119.7990, 5.1800, 5.2440



71.3590, 73.7110, 79.3670



23.9240, 24.6620, 26.6300

Inverse Universe

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



189.8480, 40.1560, 43.1960



176.7230, 48.1780, 52.0020



221.9660, -56.5270, -27.3350



119.7990, 5.1800, 5.2440



71.3590, 73.7110, 79.3670



23.9240, 24.6620, 26.6300

Previews

White Background



This preview shows how the YIQ color 189.8480, 40.1560, 43.1960 looks on a white background.

Color Contrast Check

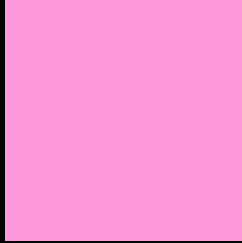
Large Text (above 18pt) WCAG AA × Fail

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 189.8480, 40.1560, 43.1960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

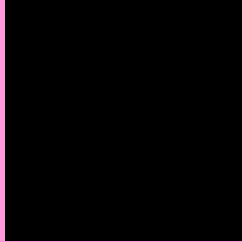
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 189.8480, 40.1560, 43.1960

Background



This preview shows how black text looks on a background with the YIQ color 189.8480, 40.1560, 43.1960.



This preview shows how white text looks on a background with the YIQ color 189.8480, 40.1560,

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

189.8480, 40.1560, 43.1960

Protanopia

185.8390, -26.6870, 15.5930

Deuteranopia

187.4530, -5.2290, 12.1710



Tritanopia

188.2780, 49.7880, 22.8120

Trichromacy



Original Color

189.8480, 40.1560, 43.1960



Protanomaly

187.1520, -2.3430, 25.9530



Deuteranomaly

188.4000, 11.4580, 23.6340



Tritanomaly

189.0530, 46.3480, 30.0920

Monochromacy



Original Color

189.8480, 40.1560, 43.1960



Achromatopsia

190.0000, -0.0000, -0.0000



Achromatomaly

190.2120, 14.6230, 15.8310

CSS Examples

Text

The CSS property to change the color of the text to YIQ 189.8480, 40.1560, 43.1960 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, 151, 219)` looks like.

```
.text, #text, p{  
    color:rgb(255, 151, 219)  
}
```

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, 151, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 151, 219) }
```

Border

The CSS property to change the border of an element to YIQ 189.8480, 40.1560, 43.1960 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, 151, 219) }
```


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

```
.border{ border-color:rgb(255, 151, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 151, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 151, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 151, 219);  
box-shadow:4px 4px 4px 4px rgb(255, 151,  
219) }
```

Background

The CSS property to change the background color of an element to YIQ 189.8480, 40.1560, 43.1960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 151, 219) }
```

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

```
.background{ background-color: rgb(255,  
151, 219) }
```

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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