

Converting Colors

YIQ(189.6280, 29.1520, 44.3840)

Have a look what the booklet for
YIQ(189.6280, 29.1520, 44.3840)
contains.

YIQ(189.6280, 29.1520, 44.3840)	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(189.6280, 29.1520,
44.3840)**

Conversions

Conversions Part 1

Format	Color
Hex	F599E9
RGB	245, 153, 233
RGB Percent	96%, 60%, 91%
CMY	0.0389, 0.4001, 0.0862
CMYK	0.00, 0.38, 0.05, 0.04
HSL	308°, 82%, 78%
HSV	308°, 38%, 96%
XYZ	63.7750, 48.0787, 83.0199
YIQ	189.6280, 29.1520, 44.3840

Conversions

Conversions Part 2

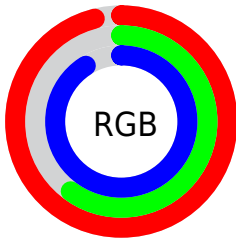
Format	Color
R _Y B	245, 153, 233
Decimal	16095721
CIE Lab	74.87, 46.03, -26.03
CIE LCh	75, 52.882, 330.509
Yxy	48.0787, 0.3273, 0.2467
Android (android.graphics.Color)	4294285801 (0xFFFF599E9)
YUV	189.6280, 21.3824, 48.5612
Hunter-Lab	69.3388, 42.8342, -22.4512

Details

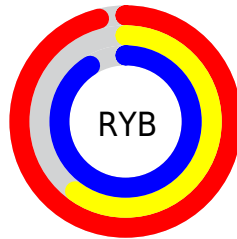
The YIQ color **189.6280, 29.1520, 44.3840** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **208.3720, -29.1520, -44.3840**, and the grayscale version is **189.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **227.9980, 12.6500, 24.0580**, and **134.7910, 27.1350, 42.3910** is the 20% darker color. If you saturate the color by 10%, you get **174.6110, 36.9900, 56.5260**, and if you desaturate by 10%, it is **204.0580, 21.5890, 32.7650**.

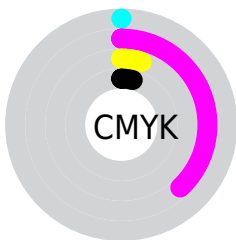
Distribution



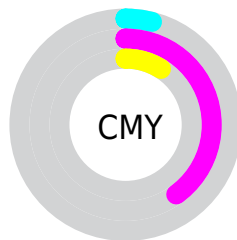
- Red (96%)
- Green (60%)
- Blue (91%)



- Red (96%)
- Yellow (60%)
- Blue (91%)



- Cyan (0%)
- Magenta (38%)
- Yellow (5%)
- Black (4%)





- Cyan (4%)
- Magenta (40%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 189.6280, 29.1520, 44.3840 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 189.6280, 29.1520, 44.3840 by changing the saturation by 10% instead.


 189.6280, 29.1520,
44.3840


 189.6280, 29.1520,
44.3840


255.0000, -0.0000,
-0.0000


 161.9160, 28.2810,
43.6490


 227.9980, 12.6500,
24.0580


 134.7910, 27.1350,
42.3910

 245.0210, 4.6750,
8.8910

 108.0790, 26.2640,
41.6560

 81.1930, 25.9430,
41.9670

 53.8340, 25.5760,
43.1120

 32.1710, 23.0090,
40.0730

 22.0740, 15.4920,

27.6200

■ 12.3900, 8.2500,
15.6900

■ 0.0000, 0.0000,
0.0000

■ 189.6280, 29.1520,
44.3840

■ 189.6280, 29.1520,
44.3840

■ 174.6110, 36.9900,
56.5260

■ 204.0580, 21.5890,
32.7650

■ 160.1810, 44.5530,
68.1450

■ 219.0750, 13.7510,
20.6230

■ 145.0500, 52.7120,
79.9760

■ 233.6190, 5.8670,
9.3150

■ 130.6200, 60.2750,
91.5950

■ 248.6360, -1.9710,
-2.8270

■ 115.6030, 68.1130,
103.7370

■ 251.3260, -4.0340,
-3.9860

■ 101.1730, 75.6760,
115.3560

■ 251.6680, -4.9970,
-3.0530

■ 97.5370, 77.6470,
118.1830

■ 252.0100, -5.9600,
-2.1200

Harmonies

Analogous

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



185.9580, -16.2360, 29.9400



189.6280, 29.1520, 44.3840



181.2760, 53.2700, 36.8060

Triad

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



189.6280, 29.1520, 44.3840



179.7980, 49.3380, -24.1180



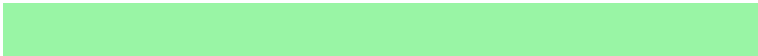
148.5440, -131.6720, -36.6320

Complementary

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



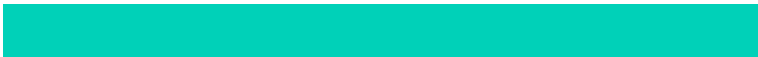
189.6280, 29.1520, 44.3840



208.3720, -29.1520, -44.3840

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.



143.6590, -116.5390, -52.0830



189.6280, 29.1520, 44.3840



174.8470, 12.1110, -37.7850

Square

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



189.6280, 29.1520, 44.3840



182.7170, 72.3960, -1.4600



165.5110, -39.7890, -44.3410



147.6440, -137.4050, -26.3410

Rectangle

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



189.6280, 29.1520, 44.3840



178.8020, 62.9920, 25.8080



165.5110, -39.7890, -44.3410



147.4210, -127.1320, -41.8200

Sweetspot

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



189.6280, 29.1520, 44.3840



238.1080, 8.9840, 13.4000



166.7770, -22.9760, 30.9440



117.6790, 5.6380, 7.9580



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.



189.6280, 29.1520, 44.3840



185.7850, 36.4400, 55.4800



184.4980, 43.5970, 30.3890



114.8420, 3.6210, 5.9650



74.0820, 58.8540, 89.8140



23.4550, 18.7930, 28.3690

Inverse Universe

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



189.6280, 29.1520, 44.3840



185.7850, 36.4400, 55.4800



213.5020, -43.5970, -30.3890



114.8420, 3.6210, 5.9650



74.0820, 58.8540, 89.8140



23.4550, 18.7930, 28.3690

Previews

White Background



This preview shows how the YIQ color 189.6280, 29.1520, 44.3840 looks on a white background.

Color Contrast Check

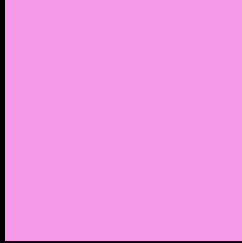
Large Text (above 18pt) WCAG AA × Fail

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 189.6280, 29.1520, 44.3840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

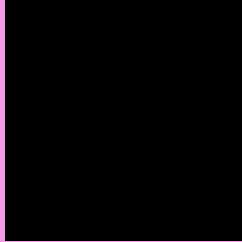
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 189.6280, 29.1520, 44.3840

Background



This preview shows how black text looks on a background with the YIQ color 189.6280, 29.1520, 44.3840.



This preview shows how white text looks on a background with the YIQ color 189.6280, 29.1520,

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

189.6280, 29.1520, 44.3840

Protanopia

184.6410, -34.7570, 18.6750

Deuteranopia

186.3580, -15.0870, 14.6170



Tritanopia

187.6080, 39.9310, 19.7310

Trichromacy



Original Color

189.6280, 29.1520, 44.3840



Protanomaly

186.2420, -11.2840, 28.3000



Deuteranomaly

187.5930, 0.7290, 25.3450



Tritanomaly

188.4370, 36.3990, 28.6790

Monochromacy



Original Color

189.6280, 29.1520, 44.3840



Achromatopsia

190.0000, -0.0000, -0.0000



Achromatomaly

190.1730, 10.3590, 16.0150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 189.6280, 29.1520, 44.3840 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(245, 153, 233)` looks like.

```
.text, #text, p{  
    color:rgb(245, 153, 233)  
}
```

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(245, 153, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 153, 233) }
```

Border

The CSS property to change the border of an element to YIQ 189.6280, 29.1520, 44.3840 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(245, 153, 233) }
```


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

```
.border{ border-color:rgb(245, 153, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 153, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 153, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 153, 233);  
box-shadow:4px 4px 4px 4px rgb(245, 153,  
233) }
```

Background

The CSS property to change the background color of an element to YIQ 189.6280, 29.1520, 44.3840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 153, 233) }
```

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

```
.background{ background-color: rgb(245,  
153, 233) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor