

Converting Colors

YIQ(185.9890, 27.1780, 58.1380)

Have a look what the booklet for
YIQ(185.9890, 27.1780, 58.1380)
contains.

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Color

**YIQ(185.9890, 27.1780,
58.1380)**

Conversions

Conversions Part 1

Format	Color
Hex	F88DFF
RGB	248, 141, 255
RGB Percent	97%, 55%, 100%
CMY	0.0271, 0.4472, 0.0000
CMYK	0.03, 0.45, 0.00, 0.00
HSL	296°, 100%, 78%
HSV	296°, 45%, 100%
XYZ	66.3091, 46.2282, 100.0358
YIQ	185.9890, 27.1780, 58.1380

Conversions

Conversions Part 2

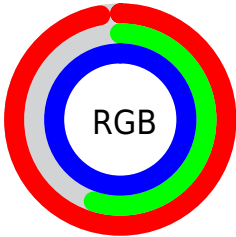
Format	Color
R _Y B	248, 141, 255
Decimal	16289279
CIE Lab	73.69, 56.84, -39.79
CIE LCh	74, 69.384, 325.012
Yxy	46.2282, 0.3119, 0.2175
Android (android.graphics.Color)	4294479359 (0xFFFF88DFF)
YUV	185.9890, 34.0224, 54.3836
Hunter-Lab	67.9913, 55.0988, -39.6396

Details

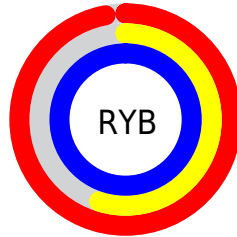
The YIQ color **185.9890, 27.1780, 58.1380** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **210.0110, -27.1780, -58.1380**, and the grayscale version is **186.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **220.9540, 15.9500, 30.3340**, and **129.8640, 26.0320, 56.8800** is the 20% darker color. If you saturate the color by 10%, you get **170.4280, 33.7320, 71.5240**, and if you desaturate by 10%, it is **201.2620, 21.4950, 45.4870**.

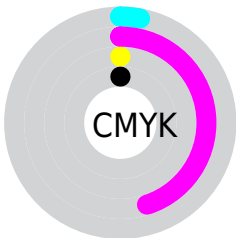
Distribution



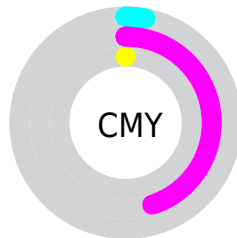
- Red (97%)
- Green (55%)
- Blue (100%)



- Red (97%)
- Yellow (55%)
- Blue (100%)



- Cyan (3%)
- Magenta (45%)
- Yellow (0%)
- Black (0%)





- Cyan (3%)
- Magenta (45%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 185.9890, 27.1780, 58.1380 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 185.9890, 27.1780, 58.1380 by changing the saturation by 10% instead.


 185.9890, 27.1780,
58.1380

 185.9890, 27.1780,
58.1380


255.0000, -0.0000,
-0.0000


 158.1630, 26.6280,
57.0920


 220.9540, 15.9500,
30.3340


 129.8640, 26.0320,
56.8800

 237.9770, 7.9750,
15.1670

 102.1520, 25.1610,
56.1450

 72.5050, 25.6650,
58.0250

 45.0320, 25.6190,
58.8590

 34.1090, 17.5520,
45.3600

 23.8980, 10.3560,

32.5960

■ 13.2030, 1.6470,
19.7190

■ 3.2090, -7.6580,
6.6300

■ 185.9890, 27.1780,
58.1380

■ 185.9890, 27.1780,
58.1380

■ 170.4280, 33.7320,
71.5240

■ 201.2620, 21.4950,
45.4870

■ 155.1550, 39.4150,
84.1750

■ 216.8230, 14.9410,
32.1010

■ 139.2950, 45.3730,
97.3490

■ 232.0960, 9.2580,
19.4500

■ 124.3210, 51.6520,
110.2120

■ 247.6570, 2.7040,
6.0640

■ 108.4610, 57.6100, 255.0000, -0.0000,
123.3860 -0.0000

■ 100.8300, 61.1850,
130.1850

Harmonies

Analogous

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



177.0100, -31.1820, 25.4740



185.9890, 27.1780, 58.1380



169.9750, 56.1560, 50.5880

Triad

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



185.9890, 27.1780, 58.1380



173.3750, 72.2180, -31.2860



150.4190, -132.8180, -37.8900

Complementary

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



185.9890, 27.1780, 58.1380



210.0110, -27.1780, -58.1380

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.



143.0090, -111.9530, -58.1050



185.9890, 27.1780, 58.1380



167.7710, 26.4640, -50.1120

Square

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



185.9890, 27.1780, 58.1380



172.3720, 86.6090, -0.2310



154.6160, -45.0590, -58.9710



149.4050, -138.2300, -27.9100

Rectangle

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



185.9890, 27.1780, 58.1380



165.1870, 69.6380, 37.5260



154.6160, -45.0590, -58.9710



148.6120, -126.3520, -44.9440

Sweetspot

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



185.9890, 27.1780, 58.1380



235.0310, 7.8830, 16.8350



158.6920, -38.7940, 31.2700



115.0750, 4.5830, 10.5590



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.



185.9890, 27.1780, 58.1380



171.6020, 33.1820, 70.4780



182.4960, 47.0790, 44.3830



120.0700, 2.9790, 6.5870



75.5940, 45.9690, 97.5610



25.2360, 15.2160, 32.6240

Inverse Universe

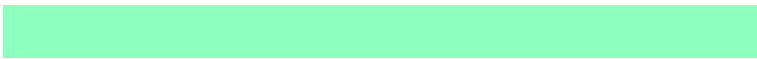
The Inverse Universe completely reimagines the original color for something new.



175.8840, 65.6970, 26.3450



159.2880, 79.3590, 32.0550



213.5040, -47.0790, -44.3830



119.0010, 7.4270, 3.0670



58.4770, 109.9840, 44.2240



19.5920, 36.8600, 14.8120

Previews

White Background



This preview shows how the YIQ color 185.9890, 27.1780, 58.1380 looks on a white background.

Color Contrast Check

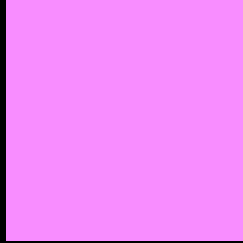
Large Text (above 18pt) WCAG AA × Fail

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 185.9890, 27.1780, 58.1380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

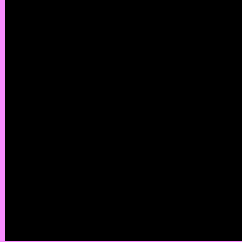
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 185.9890, 27.1780, 58.1380

Background



This preview shows how black text looks on a background with the YIQ color 185.9890, 27.1780, 58.1380.



This preview shows how white text looks on a background with the YIQ color 185.9890, 27.1780,

58.1380.

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

185.9890, 27.1780, 58.1380

Protanopia

181.0860, -37.5080, 18.9720

Deuteranopia

181.4840, -32.8770, 17.6430



Tritanopia

184.3910, 42.0400, 20.0560

Trichromacy



Original Color

185.9890, 27.1780, 58.1380



Protanomaly

182.7350, -13.9900, 33.2900



Deuteranomaly

183.1760, -10.9180, 32.6820

Tritanomaly

184.8980, 36.7190, 33.8950

Monochromacy



Original Color

185.9890, 27.1780, 58.1380



Achromatopsia

186.0000, -0.0000, -0.0000



Achromatomaly

186.3350, 10.0830, 21.0190

CSS Examples

Text

The CSS property to change the color of the text to YIQ 185.9890, 27.1780, 58.1380 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(248, 141, 255)` looks like.

```
.text, #text, p{  
    color:rgb(248, 141, 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(248, 141, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 141, 255) }
```

Border

The CSS property to change the border of an element to YIQ 185.9890, 27.1780, 58.1380 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(248, 141, 255) }
```


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

```
.border{ border-color:rgb(248, 141, 255) }
```

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

Here you see how a box with a 4 pixel rgb(248, 141, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 141, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 141, 255);  
box-shadow:4px 4px 4px 4px rgb(248, 141,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 185.9890, 27.1780, 58.1380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 141, 255) }
```

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

```
.background{ background-color: rgb(248,  
141, 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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