

Converting Colors

YIQ(184.4910, 28.2800, 49.1760)

Have a look what the booklet for
YIQ(184.4910, 28.2800, 49.1760)
contains.

YIQ(184.4910, 28.2800, 49.1760)	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(184.4910, 28.2800,
49.1760)**

Conversions

Conversions Part 1

Format	Color
Hex	F291ED
RGB	242, 145, 237
RGB Percent	95%, 57%, 93%
CMY	0.0507, 0.4315, 0.0705
CMYK	0.00, 0.40, 0.02, 0.05
HSL	303°, 79%, 76%
HSV	303°, 40%, 95%
XYZ	62.0500, 45.2437, 85.5913
YIQ	184.4910, 28.2800, 49.1760

Conversions

Conversions Part 2

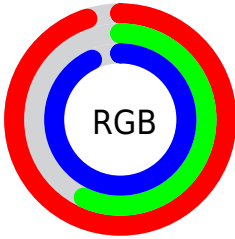
Format	Color
R _Y B	242, 145, 237
Decimal	15897069
CIE Lab	73.05, 49.90, -31.04
CIE LCh	73, 58.770, 328.116
Yxy	45.2437, 0.3217, 0.2346
Android (android.graphics.Color)	4294087149 (0xFFFF291ED)
YUV	184.4910, 25.8869, 50.4354
Hunter-Lab	67.2634, 46.9538, -28.3609

Details

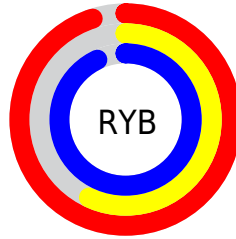
The YIQ color **184.4910, 28.2800, 49.1760** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **202.5090, -28.2800, -49.1760**, and the grayscale version is **184.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **223.3020, 14.8500, 28.2420**, and **129.0670, 26.5380, 47.7060** is the 20% darker color. If you saturate the color by 10%, you get **170.2890, 35.2010, 61.4170**, and if you desaturate by 10%, it is **198.6930, 21.3590, 36.9350**.

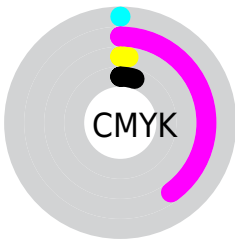
Distribution



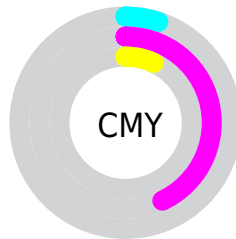
- Red (95%)
- Green (57%)
- Blue (93%)



- Red (95%)
- Yellow (57%)
- Blue (93%)



- Cyan (0%)
- Magenta (40%)
- Yellow (2%)
- Black (5%)



- Cyan (5%)
- Magenta (43%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 184.4910, 28.2800, 49.1760 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 184.4910, 28.2800, 49.1760 by changing the saturation by 10% instead.

184.4910, 28.2800,
49.1760

184.4910, 28.2800,
49.1760

255.0000, -0.0000,
-0.0000

156.7790, 27.4090,
48.4410

223.3020, 14.8500,
28.2420

129.0670, 26.5380,
47.7060

239.7380, 7.1500,
13.5980

102.3550, 25.6670,
46.9710

75.4690, 25.3460,
47.2820

42.7130, 27.7750,
52.8230

31.6160, 20.2580,
40.3700

21.8180, 13.3370,

28.1290

■ 10.9380, 3.7110,
15.3510

■ 0.4560, -1.2840,
1.2440

■ 184.4910, 28.2800,
49.1760

■ 184.4910, 28.2800,
49.1760

■ 170.2890, 35.2010,
61.4170

■ 198.6930, 21.3590,
36.9350

■ 155.9730, 42.4430,
73.3470

■ 213.0090, 14.1170,
25.0050

■ 141.1840, 49.6390,
86.1110

■ 227.7980, 6.9210,
12.2410

■ 126.9820, 56.5600,
98.3520

■ 242.0000, -0.0000,
0.0000

■ 112.7800, 63.4810,
110.5930

■ 249.7450, -3.8960,
-6.4880

■ 98.4640, 70.7230,
122.5230

■ 249.9730, -4.5380,
-5.8660

■ 250.0870, -4.8590,
-5.5550

■ 250.2010, -5.1800,
-5.2440

■ 250.3150, -5.5010,
-4.9330

Harmonies

Analogous

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



179.7230, -22.8840, 29.2760



184.4910, 28.2800, 49.1760



174.8190, 56.2950, 42.5590

Triad

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



184.4910, 28.2800, 49.1760



173.6370, 57.0410, -26.0550



146.3270, -129.5630, -36.3070

Complementary

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



184.4910, 28.2800, 49.1760



202.5090, -28.2800, -49.1760

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.



140.7580, -112.5040, -53.6240



184.4910, 28.2800, 49.1760



168.6640, 16.8800, -41.6160

Square

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



184.4910, 28.2800, 49.1760



176.9630, 80.5110, 0.1510



157.9790, -41.3470, -49.1470



145.8830, -136.5800, -24.7720

Rectangle

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



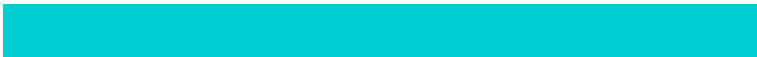
184.4910, 28.2800, 49.1760



171.3020, 67.5760, 30.8400



157.9790, -41.3470, -49.1470



144.9760, -124.3810, -42.1170

Sweetspot

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



184.4910, 28.2800, 49.1760



236.5750, 9.1670, 15.5910



157.5530, -28.1570, 31.2270



117.3200, 5.2710, 9.1030



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.



184.4910, 28.2800, 49.1760



182.7020, 35.4760, 61.9400



179.0190, 43.6880, 34.2480



112.8420, 3.6210, 5.9650



74.8520, 53.8100, 93.1220



22.7860, 16.3630, 28.3550

Inverse Universe

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



184.4910, 28.2800, 49.1760



182.7020, 35.4760, 61.9400



207.9810, -43.6880, -34.2480



112.8420, 3.6210, 5.9650



74.8520, 53.8100, 93.1220



22.7860, 16.3630, 28.3550

Previews

White Background



This preview shows how the YIQ color 184.4910, 28.2800, 49.1760 looks on a white background.

Color Contrast Check

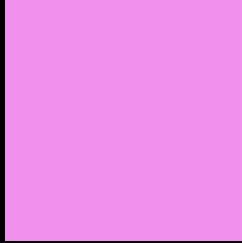
Large Text (above 18pt) WCAG AA × Fail

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 184.4910, 28.2800, 49.1760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

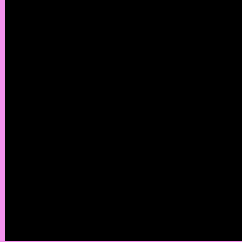
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 184.4910, 28.2800, 49.1760

Background



This preview shows how black text looks on a background with the YIQ color 184.4910, 28.2800, 49.1760.



This preview shows how white text looks on a background with the YIQ color 184.4910, 28.2800,

49.1760.

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

184.4910, 28.2800, 49.1760

Protanopia

179.3140, -38.1500, 19.5940

Deuteranopia

180.4760, -21.2310, 15.8330



Tritanopia

182.7930, 40.8480, 19.6320

Trichromacy



Original Color

184.4910, 28.2800, 49.1760



Protanomaly

181.0400, -13.5310, 30.4770



Deuteranomaly

182.0210, -3.3520, 27.7200



Tritanomaly

183.4910, 36.3070, 30.3470

Monochromacy



Original Color

184.4910, 28.2800, 49.1760



Achromatopsia

184.0000, 0.0000, -0.0000



Achromatomaly

184.2270, 10.2670, 17.6830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 184.4910, 28.2800, 49.1760 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(242, 145, 237)` looks like.

```
.text, #text, p{  
    color:rgb(242, 145, 237)  
}
```

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(242, 145, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 145, 237) }
```

Border

The CSS property to change the border of an element to YIQ 184.4910, 28.2800, 49.1760 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(242, 145, 237) }
```


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

```
.border{ border-color:rgb(242, 145, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 145, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 145, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 145, 237);  
box-shadow:4px 4px 4px 4px rgb(242, 145,  
237) }
```

Background

The CSS property to change the background color of an element to YIQ 184.4910, 28.2800, 49.1760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 145, 237) }
```

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

```
.background{ background-color: rgb(242,  
145, 237) }
```

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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