

Converting Colors

YIQ(187.2890, 43.2280, 42.5880)

Have a look what the booklet for
YIQ(187.2890, 43.2280, 42.5880)
contains.

YIQ(187.2890, 43.2280, 42.5880)	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(187.2890, 43.2280,
42.5880)**

Conversions

Conversions Part 1

Format	Color
Hex	FF94D4
RGB	255, 148, 212
RGB Percent	100%, 58%, 83%
CMY	0.0000, 0.4198, 0.1685
CMYK	0.00, 0.42, 0.17, 0.00
HSL	324°, 100%, 79%
HSV	324°, 42%, 100%
XYZ	63.7105, 47.1808, 68.0568
YIQ	187.2890, 43.2280, 42.5880

Conversions

Conversions Part 2

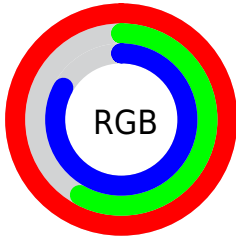
Format	Color
R_{YB}	255, 148, 212
Decimal	16749780
CIE _{Lab}	74.31, 48.34, -15.30
CIE _{LCh}	74, 50.701, 342.433
Yxy	47.1808, 0.3560, 0.2637
Android (android.graphics.Color)	4294939860 (0xFFFF94D4)
YUV	187.2890, 12.1825, 59.3825
Hunter-Lab	68.6883, 45.3597, -10.6632

Details

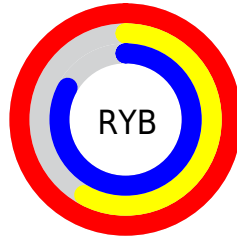
The YIQ color **187.2890, 43.2280, 42.5880** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **215.7110, -43.2280, -42.5880**, and the grayscale version is **187.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **225.0630, 14.0250, 26.6730**, and **131.6800, 40.5690, 41.2170** is the 20% darker color. If you saturate the color by 10%, you get **170.8870, 53.5880, 53.0760**, and if you desaturate by 10%, it is **203.1040, 33.1430, 32.6230**.

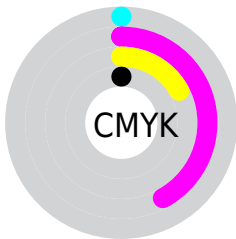
Distribution



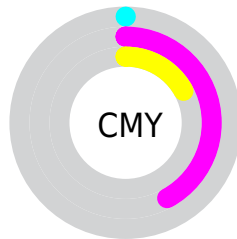
- Red (100%)
- Green (58%)
- Blue (83%)



- Red (100%)
- Yellow (58%)
- Blue (83%)



- Cyan (0%)
- Magenta (42%)
- Yellow (17%)
- Black (0%)





- Cyan (0%)
- Magenta (42%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 187.2890, 43.2280, 42.5880 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 187.2890, 43.2280, 42.5880 by changing the saturation by 10% instead.

 187.2890, 43.2280,
42.5880


 187.2890, 43.2280,
42.5880


255.0000, -0.0000,
-0.0000


 159.2780, 41.7610,
41.6410


 225.0630, 14.0250,
26.6730


 131.6800, 40.5690,
41.2170

 242.0860, 6.0500,
11.5060

 105.0820, 39.3770,
40.7930

 77.4240, 38.4140,
41.7260

 46.0700, 39.6510,
46.8430

 32.4400, 32.3170,
36.5810

 22.1580, 23.8830,

24.2270

■ 12.0610, 16.3660,
11.7740

■ 0.0000, 0.0000,
0.0000

■ 187.2890, 43.2280,
42.5880

■ 187.2890, 43.2280,
42.5880

■ 170.8870, 53.5880,
53.0760

■ 203.1040, 33.1430,
32.6230

■ 155.0720, 63.6730,
63.0410

■ 219.6200, 22.4620,
22.4460

■ 138.5560, 74.3540,
73.2180

■ 235.4350, 12.3770,
12.4810

■ 122.7410, 84.4390,
83.1830

■ 251.8370, 2.0170,
1.9930

■ 106.3390, 94.7990, 255.0000, -0.0000,
93.6710 -0.0000

■ 93.6870, 102.8670,
101.6430

Harmonies

Analogous

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



187.7970, 0.6350, 38.0670



187.2890, 43.2280, 42.5880



179.5830, 59.4150, 30.0630

Triad

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



187.2890, 43.2280, 42.5880



176.7360, 34.7130, -28.8950



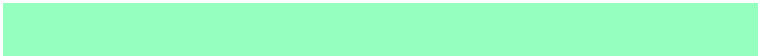
147.5640, -134.4240, -30.8080

Complementary

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



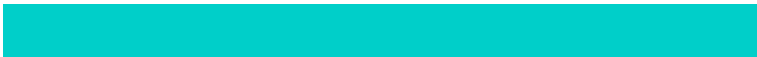
187.2890, 43.2280, 42.5880



215.7110, -43.2280, -42.5880

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.



144.4230, -121.4460, -45.7500



187.2890, 43.2280, 42.5880



171.1530, -6.3660, -38.8300

Square

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



187.2890, 43.2280, 42.5880



180.3580, 62.8610, -10.3790



159.0060, -63.1720, -44.5800



143.5350, -135.4800, -22.6800

Rectangle

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



187.2890, 43.2280, 42.5880



179.6850, 67.3950, 17.5950



159.0060, -63.1720, -44.5800



146.6690, -130.5260, -35.3740

Sweetspot

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



187.2890, 43.2280, 42.5880



234.1470, 13.2480, 13.2160



173.0550, -8.7190, 42.3930



114.6470, 8.6640, 8.1840



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.



187.2890, 43.2280, 42.5880



174.6370, 51.2960, 50.5600



181.2470, 60.2410, 26.1050



119.6850, 5.5010, 4.9330



70.1050, 77.2420, 75.9460



23.4680, 25.9460, 25.3860

Inverse Universe

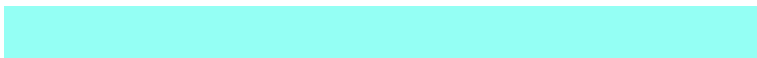
The Inverse Universe completely reimagines the original color for something new.



187.2890, 43.2280, 42.5880



174.6370, 51.2960, 50.5600



221.7530, -60.2410, -26.1050



119.6850, 5.5010, 4.9330



70.1050, 77.2420, 75.9460



23.4680, 25.9460, 25.3860

Previews

White Background



This preview shows how the YIQ color 187.2890, 43.2280, 42.5880 looks on a white background.

Color Contrast Check

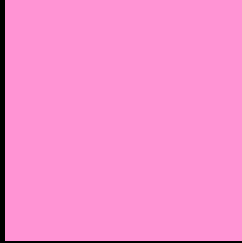
Large Text (above 18pt) WCAG AA × Fail

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 187.2890, 43.2280, 42.5880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

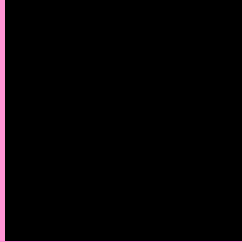
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 187.2890, 43.2280, 42.5880

Background



This preview shows how black text looks on a background with the YIQ color 187.2890, 43.2280, 42.5880.



This preview shows how white text looks on a background with the YIQ color 187.2890, 43.2280,

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

187.2890, 43.2280, 42.5880

Protanopia

183.5680, -24.4860, 14.2500

Deuteranopia

184.8940, -2.1570, 11.5630



Tritanopia

185.4740, 52.1720, 23.6600

Trichromacy



Original Color

187.2890, 43.2280, 42.5880



Protanomaly

184.8810, -0.1420, 24.6100



Deuteranomaly

185.8410, 14.5300, 23.0260



Tritanomaly

186.1350, 49.0530, 30.6290

Monochromacy



Original Color

187.2890, 43.2280, 42.5880



Achromatopsia

187.0000, -0.0000, -0.0000



Achromatomaly

187.2830, 15.8610, 15.4210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 187.2890, 43.2280, 42.5880 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, 148, 212)` looks like.

```
.text, #text, p{  
    color:rgb(255, 148, 212)  
}
```

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, 148, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 148, 212) }
```

Border

The CSS property to change the border of an element to YIQ 187.2890, 43.2280, 42.5880 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, 148, 212) }
```


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

```
.border{ border-color:rgb(255, 148, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 148, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 148, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 148, 212);  
box-shadow:4px 4px 4px 4px rgb(255, 148,  
212) }
```

Background

The CSS property to change the background color of an element to YIQ 187.2890, 43.2280, 42.5880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 148, 212) }
```

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

```
.background{ background-color: rgb(255,  
148, 212) }
```

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