

Converting Colors

YIQ(184.4890, 47.8160, 25.5120)

Have a look what the booklet for
YIQ(184.4890, 47.8160, 25.5120)
contains.

YIQ(184.4890, 47.8160, 25.5120)	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(184.4890, 47.8160,
25.5120)**

Conversions

Conversions Part 1

Format	Color
Hex	F69BAF
RGB	246, 155, 175
RGB Percent	96%, 61%, 69%
CMY	0.0351, 0.3923, 0.3135
CMYK	0.00, 0.37, 0.29, 0.04
HSL	347°, 84%, 79%
HSV	347°, 37%, 96%
XYZ	57.4837, 46.1303, 46.4546
YIQ	184.4890, 47.8160, 25.5120

Conversions

Conversions Part 2

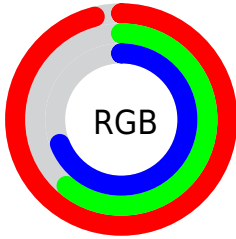
Format	Color
R _Y B	246, 155, 175
Decimal	16161711
CIE Lab	73.63, 36.50, 3.97
CIE LCh	74, 36.716, 6.209
Yxy	46.1303, 0.3830, 0.3074
Android (android.graphics.Color)	4294351791 (0xFFFF69BAF)
YUV	184.4890, -4.6781, 53.9451
Hunter-Lab	67.9193, 32.2155, 6.9910

Details

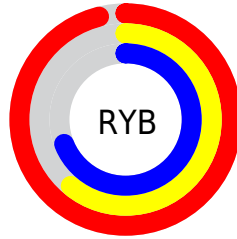
The YIQ color **184.4890, 47.8160, 25.5120** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **216.5110, -47.8160, -25.5120**, and the grayscale version is **184.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **225.7350, 20.4000, 15.7600**, and **130.1080, 44.5150, 24.7630** is the 20% darker color. If you saturate the color by 10%, you get **167.6480, 60.7900, 32.6780**, and if you desaturate by 10%, it is **201.3300, 34.8420, 18.3460**.

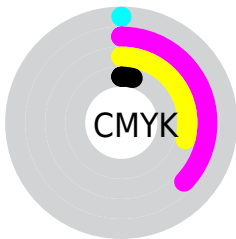
Distribution



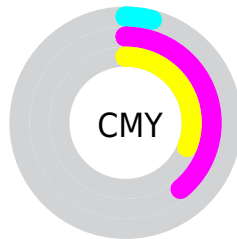
- Red (96%)
- Green (61%)
- Blue (69%)



- Red (96%)
- Yellow (61%)
- Blue (69%)



- Cyan (0%)
- Magenta (37%)
- Yellow (29%)
- Black (4%)





- Cyan (4%)
- Magenta (39%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 184.4890, 47.8160, 25.5120 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 184.4890, 47.8160, 25.5120 by changing the saturation by 10% instead.


 184.4890, 47.8160,
25.5120


 184.4890, 47.8160,
25.5120


255.0000, -0.0000,
-0.0000


 156.8910, 46.6240,
25.0880


 225.8490, 20.0790,
16.0710


 130.1080, 44.5150,
24.7630

 245.6080, 4.4000,
8.3680

 103.9120, 42.1310,
23.9150

 78.4280, 40.6180,
23.8020

 53.1720, 38.4630,
24.3110

 26.8560, 36.5370,
26.1770

 16.7160, 30.5790,

13.0030

■ 5.9800, 11.9200,
4.2400

■ 0.0000, 0.0000,
0.0000

■ 184.4890, 47.8160,
25.5120

■ 184.4890, 47.8160,
25.5120

■ 167.6480, 60.7900,
32.6780

■ 201.3300, 34.8420,
18.3460

■ 151.3940, 73.4890,
39.3210

■ 217.5840, 22.1430,
11.7030

■ 134.4390, 86.7840,
46.1760

■ 234.5390, 8.8480,
4.8480

■ 118.1850, 99.4830,
52.8190

■ 250.7930, -3.8510,
-1.7950

■ 101.3440,
112.4570, 59.9850

■ 252.3090, -5.3640,
-1.9080

■ 84.5030, 125.4310,
67.1510

■ 79.7100, 129.2820,
68.9460

Harmonies

Analogous

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



185.6300, 25.6700, 30.3900



184.4890, 47.8160, 25.5120



182.5910, 55.7960, 13.0440

Triad

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



184.4890, 47.8160, 25.5120



174.2070, 2.7100, -27.0980



167.2020, -76.8420, -6.0740

Complementary

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



184.4890, 47.8160, 25.5120



216.5110, -47.8160, -25.5120

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.



157.7510, -92.2900, -23.4740



184.4890, 47.8160, 25.5120



168.9610, -31.7680, -30.0080

Square

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



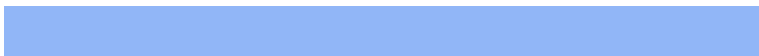
184.4890, 47.8160, 25.5120



178.0320, 31.3640, -17.7560



161.4530, -68.2640, -29.3840



178.3470, -42.9170, 12.3710

Rectangle

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



184.4890, 47.8160, 25.5120



181.7720, 53.3680, 1.9760



161.4530, -68.2640, -29.3840



162.9080, -85.0020, -12.3780

Sweetspot

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



184.4890, 47.8160, 25.5120



236.0560, 14.7620, 7.8020



186.3040, 12.5090, 43.1410



116.5390, 8.8480, 4.8480



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.



184.4890, 47.8160, 25.5120



179.3380, 58.7270, 31.5190



196.2970, 47.6360, 6.7400



113.9300, 6.1890, 3.4770



60.2880, 97.6950, 52.1830



19.1230, 30.9910, 16.5510

Inverse Universe

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



184.4890, 47.8160, 25.5120



179.3380, 58.7270, 31.5190



204.7030, -47.6360, -6.7400



113.9300, 6.1890, 3.4770



60.2880, 97.6950, 52.1830



19.1230, 30.9910, 16.5510

Previews

White Background



This preview shows how the YIQ color 184.4890, 47.8160, 25.5120 looks on a white background.

Color Contrast Check

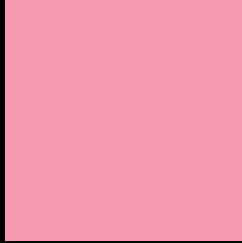
Large Text (above 18pt) WCAG AA × Fail

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 184.4890, 47.8160, 25.5120 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 184.4890, 47.8160, 25.5120

Background



This preview shows how black text looks on a background with the YIQ color 184.4890, 47.8160, 25.5120.



This preview shows how white text looks on a background with the YIQ color 184.4890, 47.8160,

25.5120.

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

184.4890, 47.8160, 25.5120

Protanopia

181.7380, -2.0180, 3.5340

Deuteranopia

182.6170, 17.3760, 4.4800



Tritanopia

183.9790, 49.1920, 22.6000

Trichromacy



Original Color

184.4890, 47.8160, 25.5120



Protanomaly

182.7620, 15.7700, 11.5620



Deuteranomaly

183.4060, 28.5160, 11.8440



Tritanomaly

184.3210, 48.2290, 23.5330

Monochromacy



Original Color

184.4890, 47.8160, 25.5120



Achromatopsia

184.0000, 0.0000, -0.0000



Achromatomaly

184.0780, 17.6960, 9.6960

CSS Examples

Text

The CSS property to change the color of the text to YIQ 184.4890, 47.8160, 25.5120 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(246, 155, 175)` looks like.

```
.text, #text, p{  
    color:rgb(246, 155, 175)  
}
```

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(246, 155, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 155, 175) }
```

Border

The CSS property to change the border of an element to YIQ 184.4890, 47.8160, 25.5120 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(246, 155, 175) }
```


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

```
.border{ border-color:rgb(246, 155, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 155, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 155, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 155, 175);  
box-shadow:4px 4px 4px 4px rgb(246, 155,  
175) }
```

Background

The CSS property to change the background color of an element to YIQ 184.4890, 47.8160, 25.5120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 155, 175) }
```

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

```
.background{ background-color: rgb(246,  
155, 175) }
```

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