

Converting Colors

YIQ(188.4120, 38.6880, 47.7760)

Have a look what the booklet for
YIQ(188.4120, 38.6880, 47.7760)
contains.

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Color

**YIQ(188.4120, 38.6880,
47.7760)**

Conversions

Conversions Part 1

Format	Color
Hex	FF93E3
RGB	255, 147, 227
RGB Percent	100%, 58%, 89%
CMY	0.0000, 0.4237, 0.1097
CMYK	0.00, 0.42, 0.11, 0.00
HSL	316°, 100%, 79%
HSV	316°, 42%, 100%
XYZ	65.5350, 47.6607, 78.4353
YIQ	188.4120, 38.6880, 47.7760

Conversions

Conversions Part 2

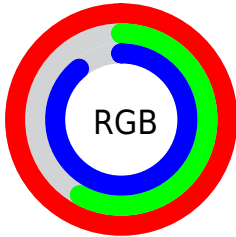
Format	Color
R _Y B	255, 147, 227
Decimal	16749539
CIE Lab	74.61, 51.16, -23.06
CIE LCh	75, 56.117, 335.735
Yxy	47.6607, 0.3420, 0.2487
Android (android.graphics.Color)	4294939619 (0xFFFF93E3)
YUV	188.4120, 19.0239, 58.3977
Hunter-Lab	69.0367, 48.6318, -19.0359

Details

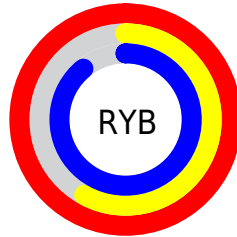
The YIQ color **188.4120, 38.6880, 47.7760** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **213.5880, -38.6880, -47.7760**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.4760, 14.3000, 27.1960**, and **132.6890, 36.3500, 46.0940** is the 20% darker color. If you saturate the color by 10%, you get **172.3520, 48.0850, 59.1970**, and if you desaturate by 10%, it is **203.8850, 29.5660, 36.8780**.

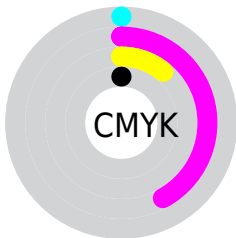
Distribution



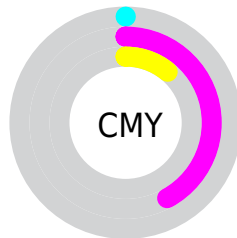
- Red (100%)
- Green (58%)
- Blue (89%)



- Red (100%)
- Yellow (58%)
- Blue (89%)



- Cyan (0%)
- Magenta (42%)
- Yellow (11%)
- Black (0%)



- Cyan (0%)
- Magenta (42%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 188.4120, 38.6880, 47.7760 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 188.4120, 38.6880, 47.7760 by changing the saturation by 10% instead.

188.4120, 38.6880,
47.7760

188.4120, 38.6880,
47.7760

255.0000, -0.0000,
-0.0000

160.4010, 37.2210,
46.8290

224.4760, 14.3000,
27.1960

132.6890, 36.3500,
46.0940

241.4990, 6.3250,
12.0290

105.5040, 35.4330,
46.1930

77.7320, 34.7910,
46.8150

44.5030, 37.1740,
53.1900

33.6940, 28.7860,
40.0020

23.7110, 20.9480,

27.8600

■ 13.7280, 13.1100,
15.7180

■ 0.0000, 0.0000,
0.0000

■ 188.4120, 38.6880,
47.7760

■ 188.4120, 38.6880,
47.7760

■ 172.3520, 48.0850,
59.1970

■ 203.8850, 29.5660,
36.8780

■ 156.9930, 56.8860,
70.4060

■ 219.8310, 20.4900,
25.1460

■ 140.9330, 66.2830,
81.8270

■ 235.3040, 11.3680,
14.2480

■ 125.5740, 75.0840,
93.0360

■ 251.2500, 2.2920,
2.5160

■ 109.5140, 84.4810, 255.0000, -0.0000,
104.4570 -0.0000

■ 97.7910, 91.3110,
112.8390

Harmonies

Analogous

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



186.3120, -8.3050, 34.8870



188.4120, 38.6880, 47.7760



177.9020, 57.2590, 36.0990

Triad

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



188.4120, 38.6880, 47.7760



177.6680, 46.5880, -29.3480



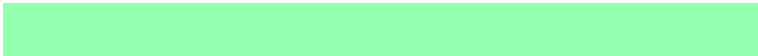
149.6840, -134.8820, -33.5220

Complementary

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



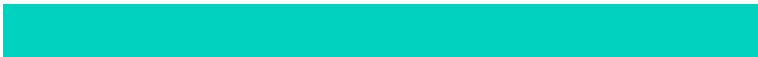
188.4120, 38.6880, 47.7760



213.5880, -38.6880, -47.7760

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.



145.1580, -119.3820, -50.1180



188.4120, 38.6880, 47.7760



172.0200, 4.1340, -41.8980

Square

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



188.4120, 38.6880, 47.7760



181.4410, 72.9930, -6.7750



159.1930, -56.5690, -48.6090



146.4700, -136.8550, -25.2950

Rectangle

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



188.4120, 38.6880, 47.7760



176.3740, 67.0730, 23.4330



159.1930, -56.5690, -48.6090



148.5610, -130.3420, -38.7100

Sweetspot

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



188.4120, 38.6880, 47.7760



234.6030, 11.9640, 14.4600



167.3850, -18.5760, 39.3120



114.9890, 7.7010, 9.1170



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.



188.4120, 38.6880, 47.7760



174.8140, 46.6640, 57.4160



182.3700, 55.7010, 31.2930



119.9130, 4.8590, 5.5550



73.2970, 68.2540, 84.6540



24.4940, 23.0570, 28.1850

Inverse Universe

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



188.4120, 38.6880, 47.7760



174.8140, 46.6640, 57.4160



219.6300, -55.7010, -31.2930



119.9130, 4.8590, 5.5550



73.2970, 68.2540, 84.6540



24.4940, 23.0570, 28.1850

Previews

White Background



This preview shows how the YIQ color 188.4120, 38.6880, 47.7760 looks on a white background.

Color Contrast Check

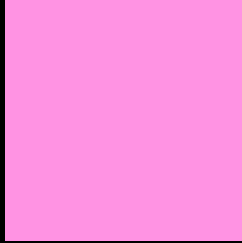
Large Text (above 18pt) WCAG AA × Fail

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 188.4120, 38.6880, 47.7760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

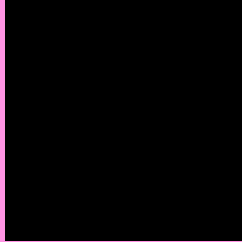
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 188.4120, 38.6880, 47.7760

Background



This preview shows how black text looks on a background with the YIQ color 188.4120, 38.6880, 47.7760.



This preview shows how white text looks on a background with the YIQ color 188.4120, 38.6880,

47.7760.

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

188.4120, 38.6880, 47.7760

Protanopia

184.2990, -33.7940, 17.7420

Deuteranopia

185.5710, -11.3730, 13.3870



Tritanopia

186.8650, 49.5130, 22.2890

Trichromacy



Original Color

188.4120, 38.6880, 47.7760



Protanomaly

185.5090, -7.6620, 28.7380



Deuteranomaly

186.5290, 6.7810, 25.7970



Tritanomaly

187.8080, 45.6600, 31.5480

Monochromacy



Original Color

188.4120, 38.6880, 47.7760



Achromatopsia

188.0000, 0.0000, 0.0000



Achromatomaly

187.9670, 13.9350, 17.2870

CSS Examples

Text

The CSS property to change the color of the text to YIQ 188.4120, 38.6880, 47.7760 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, 147, 227)` looks like.

```
.text, #text, p{  
    color:rgb(255, 147, 227)  
}
```

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, 147, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 147, 227) }
```

Border

The CSS property to change the border of an element to YIQ 188.4120, 38.6880, 47.7760 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, 147, 227) }
```


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

```
.border{ border-color:rgb(255, 147, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 147, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 147, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 147, 227);  
box-shadow:4px 4px 4px 4px rgb(255, 147,  
227) }
```

Background

The CSS property to change the background color of an element to YIQ 188.4120, 38.6880, 47.7760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 147, 227) }
```

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

```
.background{ background-color: rgb(255,  
147, 227) }
```

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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