

Converting Colors

YIQ(188.4820, 32.4990, 44.2990)

Have a look what the booklet for
YIQ(188.4820, 32.4990, 44.2990)
contains.

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Color

**YIQ(188.4820, 32.4990,
44.2990)**

Conversions

Conversions Part 1

Format	Color
Hex	F797E4
RGB	247, 151, 228
RGB Percent	97%, 59%, 89%
CMY	0.0311, 0.4080, 0.1058
CMYK	0.00, 0.39, 0.08, 0.03
HSL	312°, 86%, 78%
HSV	312°, 39%, 97%
XYZ	63.4488, 47.5097, 79.2378
YIQ	188.4820, 32.4990, 44.2990

Conversions

Conversions Part 2

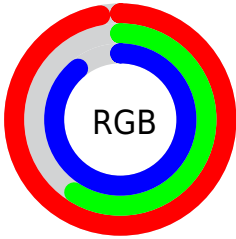
Format	Color
R _Y B	247, 151, 228
Decimal	16226276
CIE Lab	74.51, 46.83, -23.84
CIE LCh	75, 52.551, 333.026
Yxy	47.5097, 0.3336, 0.2498
Android (android.graphics.Color)	4294416356 (0xFFFF797E4)
YUV	188.4820, 19.4824, 51.3203
Hunter-Lab	68.9273, 43.6898, -19.9099

Details

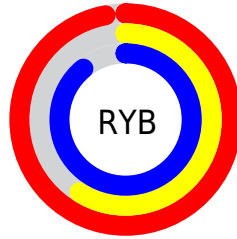
The YIQ color **188.4820, 32.4990, 44.2990** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **209.5180, -32.4990, -44.2990**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.8240, 13.2000, 25.1040**, and **133.6450, 30.4820, 42.3060** is the 20% darker color. If you saturate the color by 10%, you get **173.2370, 40.9790, 55.8190**, and if you desaturate by 10%, it is **203.7270, 24.0190, 32.7790**.

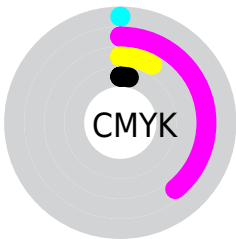
Distribution



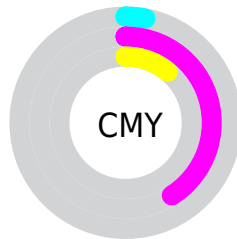
- Red (97%)
- Green (59%)
- Blue (89%)



- Red (97%)
- Yellow (59%)
- Blue (89%)



- Cyan (0%)
- Magenta (39%)
- Yellow (8%)
- Black (3%)





- Cyan (3%)
- Magenta (41%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 188.4820, 32.4990, 44.2990 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 188.4820, 32.4990, 44.2990 by changing the saturation by 10% instead.

 188.4820, 32.4990,
44.2990

 188.4820, 32.4990,
44.2990


255.0000, -0.0000,
-0.0000


 160.7700, 31.6280,
43.5640


 226.8240, 13.2000,
25.1040


 133.0580, 30.7570,
42.8290

 243.8470, 5.2250,
9.9370

 106.4600, 29.5650,
42.4050

 80.1610, 28.9690,
42.1930

 51.0410, 29.4270,
44.9070

 32.3130, 25.4850,
39.2530

 22.2160, 17.9680,

26.8000

■ 12.0480, 9.2130,
14.7570

■ 0.0000, 0.0000,
0.0000

■ 188.4820, 32.4990,
44.2990

■ 188.4820, 32.4990,
44.2990

■ 173.2370, 40.9790,
55.8190

■ 203.7270, 24.0190,
32.7790

■ 158.5790, 49.1840,
66.8160

■ 218.3850, 15.8140,
21.7820

■ 143.3340, 57.6640,
78.3360

■ 233.6300, 7.3340,
10.2620

■ 128.0890, 66.1440,
89.8560

■ 248.8750, -1.1460,
-1.2580

■ 112.9580, 74.3030,
101.6870

■ 252.3800, -4.1260,
-2.3180

■ 98.3000, 82.5080,
112.6840

■ 252.6080, -4.7680,
-1.6960

■ 96.4250, 83.6540,
113.9420

Harmonies

Analogous

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



185.9800, -13.3020, 31.8340



188.4820, 32.4990, 44.2990



180.7060, 54.8750, 35.2510

Triad

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



188.4820, 32.4990, 44.2990



178.3030, 46.3580, -25.1780



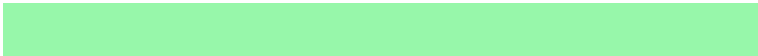
148.2990, -132.3600, -35.1760

Complementary

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



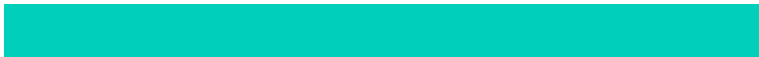
188.4820, 32.4990, 44.2990



209.5180, -32.4990, -44.2990

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.



143.4140, -117.2270, -50.6270



188.4820, 32.4990, 44.2990



173.2810, 7.8930, -38.4350

Square

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



188.4820, 32.4990, 44.2990



181.7660, 70.7000, -3.7640



163.2870, -44.9700, -44.0580



146.4700, -136.8550, -25.2950

Rectangle

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



188.4820, 32.4990, 44.2990



178.2320, 64.5970, 24.2530



163.2870, -44.9700, -44.0580



147.1760, -127.8200, -40.3640

Sweetspot

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



188.4820, 32.4990, 44.2990



236.1190, 10.4510, 14.3470



167.3260, -20.0880, 33.6720



116.9780, 6.2340, 8.1700



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.



188.4820, 32.4990, 44.2990



181.8240, 40.7040, 55.2960



183.1240, 47.5860, 29.6820



114.7280, 3.9420, 5.6540



72.6000, 63.0270, 85.7710



22.9990, 20.0770, 27.1250

Inverse Universe

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



188.4820, 32.4990, 44.2990



181.8240, 40.7040, 55.2960



214.8760, -47.5860, -29.6820



114.7280, 3.9420, 5.6540



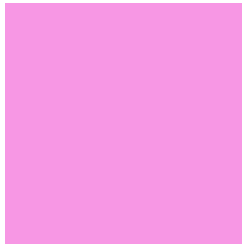
72.6000, 63.0270, 85.7710



22.9990, 20.0770, 27.1250

Previews

White Background



This preview shows how the YIQ color 188.4820, 32.4990, 44.2990 looks on a white background.

Color Contrast Check

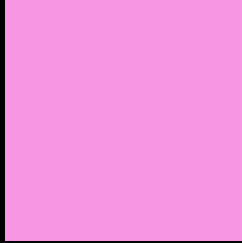
Large Text (above 18pt) WCAG AA × Fail

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 188.4820, 32.4990, 44.2990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

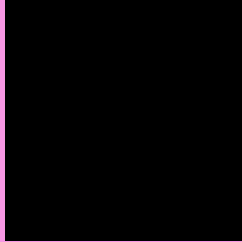
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 188.4820, 32.4990, 44.2990

Background



This preview shows how black text looks on a background with the YIQ color 188.4820, 32.4990, 44.2990.



This preview shows how white text looks on a background with the YIQ color 188.4820, 32.4990,

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

188.4820, 32.4990, 44.2990

Protanopia

183.7830, -32.2810, 17.8550

Deuteranopia

185.5000, -12.6110, 13.7970



Tritanopia

186.9890, 43.2320, 20.4800

Trichromacy



Original Color

188.4820, 32.4990, 44.2990



Protanomaly

185.3840, -8.8080, 27.4800



Deuteranomaly

186.4470, 4.0760, 25.2600



Tritanomaly

187.5190, 39.1040, 29.2160

Monochromacy



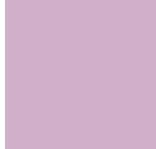
Original Color

188.4820, 32.4990, 44.2990



Achromatopsia

188.0000, 0.0000, 0.0000



Achromatomaly

188.3580, 11.2760, 15.9160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 188.4820, 32.4990, 44.2990 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(247, 151, 228)` looks like.

```
.text, #text, p{  
    color:rgb(247, 151, 228)  
}
```

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(247, 151, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 151, 228) }
```

Border

The CSS property to change the border of an element to YIQ 188.4820, 32.4990, 44.2990 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(247, 151, 228) }
```


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

```
.border{ border-color:rgb(247, 151, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 151, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 151, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 151, 228);  
box-shadow:4px 4px 4px 4px rgb(247, 151,  
228) }
```

Background

The CSS property to change the background color of an element to YIQ 188.4820, 32.4990, 44.2990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 151, 228) }
```

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

```
.background{ background-color: rgb(247,  
151, 228) }
```

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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