

Converting Colors

YIQ(195.9190, 32.2260, 32.7220)

Have a look what the booklet for
YIQ(195.9190, 32.2260, 32.7220)
contains.

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Color

**YIQ(195.9190, 32.2260,
32.7220)**

Conversions

Conversions Part 1

Format	Color
Hex	F7A6D8
RGB	247, 166, 216
RGB Percent	97%, 65%, 85%
CMY	0.0311, 0.3491, 0.1528
CMYK	0.00, 0.33, 0.13, 0.03
HSL	323°, 84%, 81%
HSV	323°, 33%, 97%
XYZ	64.4056, 52.0037, 71.6243
YIQ	195.9190, 32.2260, 32.7220

Conversions

Conversions Part 2

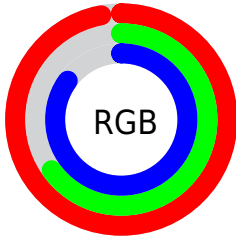
Format	Color
R _Y B	247, 166, 216
Decimal	16230104
CIE Lab	77.28, 37.09, -13.11
CIE LCh	77, 39.335, 340.537
Yxy	52.0037, 0.3425, 0.2766
Android (android.graphics.Color)	4294420184 (0xFFFF7A6D8)
YUV	195.9190, 9.8999, 44.7980
Hunter-Lab	72.1136, 33.2219, -8.4082

Details

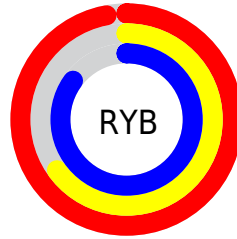
The YIQ color $195.9190, 32.2260, 32.7220$ is a light color, and the websafe version is hex $FF99CC$. A complement of this color would be $217.0810, -32.2260, -32.7220$, and the grayscale version is $196.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $235.6290, 9.0750, 17.2590$, and $141.1960, 29.8880, 31.0400$ is the 20% darker color. If you saturate the color by 10%, you get $180.2180, 41.9900, 42.9980$, and if you desaturate by 10%, it is $211.6200, 22.4620, 22.4460$.

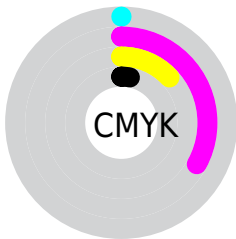
Distribution



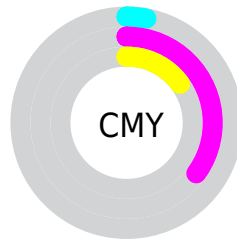
- Red (97%)
- Green (65%)
- Blue (85%)



- Red (97%)
- Yellow (65%)
- Blue (85%)



- Cyan (0%)
- Magenta (33%)
- Yellow (13%)
- Black (3%)





- Cyan (3%)
- Magenta (35%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 195.9190, 32.2260, 32.7220 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 195.9190, 32.2260, 32.7220 by changing the saturation by 10% instead.


 195.9190, 32.2260,
32.7220


 195.9190, 32.2260,
32.7220


255.0000, -0.0000,
-0.0000


 168.2070, 31.3550,
31.9870


 235.6290, 9.0750,
17.2590


 141.1960, 29.8880,
31.0400

 252.6520, 1.1000,
2.0920

 114.8970, 29.2920,
30.8280

 89.0000, 27.5040,
30.1920

 63.7010, 26.9080,
29.9800

 37.4560, 26.2200,
31.4360

 21.6030, 21.1320,

24.5240

■ 12.6310, 14.7610,
13.3290

■ 0.0000, 0.0000,
0.0000

■ 195.9190, 32.2260,
32.7220

■ 195.9190, 32.2260,
32.7220

■ 180.2180, 41.9900,
42.9980

■ 211.6200, 22.4620,
22.4460

■ 164.9900, 51.8000,
52.4400

■ 226.8480, 12.6520,
13.0040

■ 149.2890, 61.5640,
62.7160

■ 242.5490, 2.8880,
2.7280

■ 133.4740, 71.6490,
72.6810

■ 252.4940, -4.4470,
-2.0070

■ 117.7730, 81.4130,
82.9570

■ 252.6080, -4.7680,
-1.6960

■ 102.5450, 91.2230,
92.3990

■ 91.2950, 98.0990,
99.9470

Harmonies

Analogous

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



195.3310, -1.2890, 28.8790



195.9190, 32.2260, 32.7220



192.3320, 49.6960, 24.4800

Triad

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



195.9190, 32.2260, 32.7220



187.4400, 30.0350, -21.2050



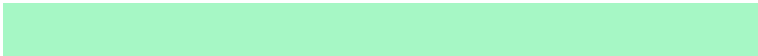
164.0640, -103.4770, -24.4770

Complementary

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



195.9190, 32.2260, 32.7220



217.0810, -32.2260, -32.7220

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.



167.9290, -81.4680, -32.3800



195.9190, 32.2260, 32.7220



182.8750, -2.2870, -30.1510

Square

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



195.9190, 32.2260, 32.7220



190.2460, 51.6730, -5.8550



176.7750, -40.1120, -32.9760



176.6580, -78.1260, -4.8300

Rectangle

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



195.9190, 32.2260, 32.7220



191.4710, 56.2540, 15.7580



176.7750, -40.1120, -32.9760



163.5000, -102.0090, -29.0570

Sweetspot

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



195.9190, 32.2260, 32.7220



239.1850, 10.0850, 9.9650



184.2040, -8.1210, 31.5510



117.9240, 6.3260, 6.5020



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.



195.9190, 32.2260, 32.7220



192.5550, 39.4230, 39.9590



191.4730, 44.7450, 20.5930



114.5000, 4.5840, 5.0320



68.7240, 73.9410, 75.1970



21.7450, 23.6080, 23.7040

Inverse Universe

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



195.9190, 32.2260, 32.7220



192.5550, 39.4230, 39.9590



221.5270, -44.7450, -20.5930



114.5000, 4.5840, 5.0320



68.7240, 73.9410, 75.1970



21.7450, 23.6080, 23.7040

Previews

White Background



This preview shows how the YIQ color 195.9190, 32.2260, 32.7220 looks on a white background.

Color Contrast Check

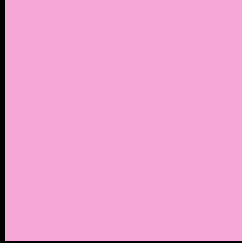
Large Text (above 18pt) WCAG AA × Fail

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 195.9190, 32.2260, 32.7220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

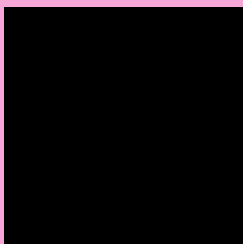
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 195.9190, 32.2260, 32.7220

Background



This preview shows how black text looks on a background with the YIQ color 195.9190, 32.2260, 32.7220.



This preview shows how white text looks on a background with the YIQ color 195.9190, 32.2260,

32.7220.

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

195.9190, 32.2260, 32.7220

Protanopia

192.3960, -18.2500, 11.3660

Deuteranopia

193.1500, -0.0020, 11.0540



Tritanopia

194.7110, 38.1430, 19.0950

Trichromacy



Original Color

195.9190, 32.2260, 32.7220



Protanomaly

193.6050, 0.4550, 19.2950



Deuteranomaly

194.2380, 11.7340, 18.6300



Tritanomaly

195.0900, 35.7580, 23.7740

Monochromacy



Original Color

195.9190, 32.2260, 32.7220



Achromatopsia

196.0000, -0.0000, -0.0000



Achromatomaly

196.0220, 12.1020, 11.9580

CSS Examples

Text

The CSS property to change the color of the text to YIQ 195.9190, 32.2260, 32.7220 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, 166, 216)` looks like.

```
.text, #text, p{  
    color:rgb(247, 166, 216)  
}
```

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, 166, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 166, 216) }
```

Border

The CSS property to change the border of an element to YIQ 195.9190, 32.2260, 32.7220 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, 166, 216) }
```


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

```
.border{ border-color:rgb(247, 166, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 166, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 166, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 166, 216);  
box-shadow:4px 4px 4px 4px rgb(247, 166,  
216) }
```

Background

The CSS property to change the background color of an element to YIQ 195.9190, 32.2260, 32.7220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 166, 216) }
```

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

```
.background{ background-color: rgb(247,  
166, 216) }
```

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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