

Converting Colors

YIQ(195.1210, 34.4730, 30.5450)

Have a look what the booklet for
YIQ(195.1210, 34.4730, 30.5450)
contains.

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Color

**YIQ(195.1210, 34.4730,
30.5450)**

Conversions

Conversions Part 1

Format	Color
Hex	F7A6D1
RGB	247, 166, 209
RGB Percent	97%, 65%, 82%
CMY	0.0311, 0.3491, 0.1803
CMYK	0.00, 0.33, 0.15, 0.03
HSL	328°, 84%, 81%
HSV	328°, 33%, 97%
XYZ	63.5195, 51.6492, 66.9602
YIQ	195.1210, 34.4730, 30.5450

Conversions

Conversions Part 2

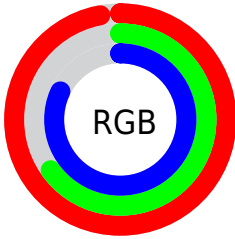
Format	Color
R_{YB}	247, 166, 209
Decimal	16230097
CIE _{Lab}	77.07, 35.98, -9.61
CIE _{LCh}	77, 37.241, 345.043
Yxy	51.6492, 0.3488, 0.2836
Android (android.graphics.Color)	4294420177 (0xFFFF7A6D1)
YUV	195.1210, 6.8423, 45.4979
Hunter-Lab	71.8674, 31.9980, -4.9345

Details

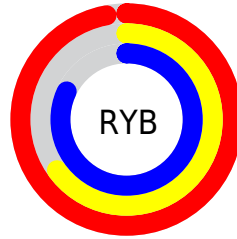
The YIQ color $195.1210, 34.4730, 30.5450$ is a light color, and the websafe version is hex $FF99CC$. A complement of this color would be $217.8790, -34.4730, -30.5450$, and the grayscale version is $195.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $235.6290, 9.0750, 17.2590$, and $140.5120, 31.8140, 29.1740$ is the 20% darker color. If you saturate the color by 10%, you get $179.0780, 45.2000, 39.8880$, and if you desaturate by 10%, it is $211.1640, 23.7460, 21.2020$.

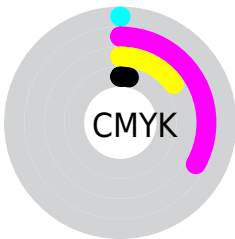
Distribution



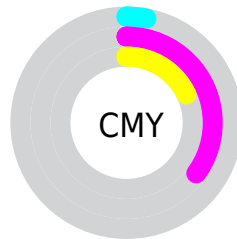
- Red (97%)
- Green (65%)
- Blue (82%)



- Red (97%)
- Yellow (65%)
- Blue (82%)



- Cyan (0%)
- Magenta (33%)
- Yellow (15%)
- Black (3%)





- Cyan (3%)
- Magenta (35%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 195.1210, 34.4730, 30.5450 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 195.1210, 34.4730, 30.5450 by changing the saturation by 10% instead.


 195.1210, 34.4730,
30.5450


 195.1210, 34.4730,
30.5450


255.0000, -0.0000,
-0.0000


 167.4090, 33.6020,
29.8100


 235.6290, 9.0750,
17.2590


 140.5120, 31.8140,
29.1740

 252.6520, 1.1000,
2.0920

 114.2130, 31.2180,
28.9620

 88.3160, 29.4300,
28.3260

 63.6040, 28.5590,
27.5910

 37.4730, 27.5500,
29.3580

 21.0330, 22.7370,

22.9690

■ 11.8330, 17.0080,
11.1520

■ 0.0000, 0.0000,
0.0000

■ 195.1210, 34.4730,
30.5450

■ 195.1210, 34.4730,
30.5450

■ 179.0780, 45.2000,
39.8880

■ 211.1640, 23.7460,
21.2020

■ 163.7360, 55.3310,
49.0190

■ 226.5060, 13.6150,
12.0710

■ 147.6930, 66.0580,
58.3620

■ 242.5490, 2.8880,
2.7280

■ 131.7640, 76.4640,
68.0160

■ 252.6080, -4.7680,
-1.6960

■ 115.7210, 87.1910,
77.3590

■ 100.3790, 97.3220,
86.4900

■ 88.7870, 105.1610,
93.1050

Harmonies

Analogous

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



194.5550, 3.8920, 28.5960



195.1210, 34.4730, 30.5450



192.3490, 51.0260, 22.4020

Triad

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



195.1210, 34.4730, 30.5450



186.5040, 23.9830, -21.6570



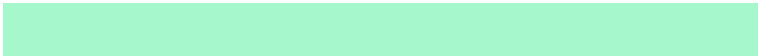
168.9840, -91.3280, -18.8800

Complementary

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



195.1210, 34.4730, 30.5450



217.8790, -34.4730, -30.5450

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.



169.0050, -78.6260, -28.8180



195.1210, 34.4730, 30.5450



182.3630, -6.5970, -29.1330

Square

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



195.1210, 34.4730, 30.5450



189.4410, 46.6300, -8.0740



176.2740, -42.9550, -31.0110



180.2680, -68.0400, -0.3920

Rectangle

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



195.1210, 34.4730, 30.5450



192.1890, 56.9880, 13.4680



176.2740, -42.9550, -31.0110



167.6370, -91.9690, -23.7850

Sweetspot

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



195.1210, 34.4730, 30.5450



238.9570, 10.7270, 9.3430



186.5960, -3.3530, 33.2470



117.6960, 6.9680, 5.8800



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.



195.1210, 34.4730, 30.5450



191.5290, 42.3120, 37.1600



190.5610, 47.3130, 18.1050



114.3860, 4.9050, 4.7210



66.9000, 79.0770, 70.2210



21.1750, 25.2130, 22.1490

Inverse Universe

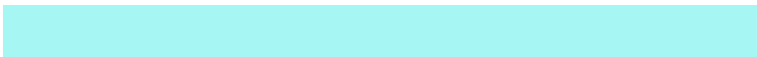
The Inverse Universe completely reimagines the original color for something new.



195.1210, 34.4730, 30.5450



191.5290, 42.3120, 37.1600



222.4390, -47.3130, -18.1050



114.3860, 4.9050, 4.7210



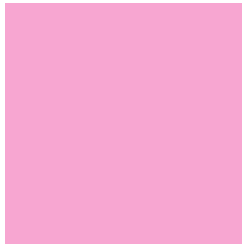
66.9000, 79.0770, 70.2210



21.1750, 25.2130, 22.1490

Previews

White Background



This preview shows how the YIQ color 195.1210, 34.4730, 30.5450 looks on a white background.

Color Contrast Check

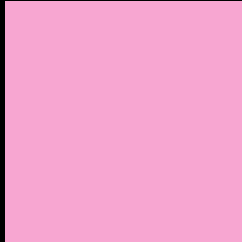
Large Text (above 18pt) WCAG AA × Fail

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 195.1210, 34.4730, 30.5450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

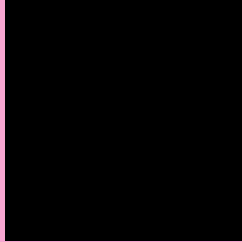
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 195.1210, 34.4730, 30.5450

Background



This preview shows how black text looks on a background with the YIQ color 195.1210, 34.4730, 30.5450.



This preview shows how white text looks on a background with the YIQ color 195.1210, 34.4730,

30.5450.

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

195.1210, 34.4730, 30.5450

Protanopia

191.4950, -14.2150, 9.8250

Deuteranopia

192.4770, 3.3910, 10.1350



Tritanopia

194.3090, 39.3350, 19.5190

Trichromacy



Original Color

195.1210, 34.4730, 30.5450



Protanomaly

193.1060, 3.2980, 17.3300



Deuteranomaly

193.2660, 14.5310, 17.4990



Tritanomaly

194.4600, 37.5920, 23.5760

Monochromacy



Original Color

195.1210, 34.4730, 30.5450



Achromatopsia

195.0000, -0.0000, 0.0000



Achromatomaly

194.7940, 12.7440, 11.3360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 195.1210, 34.4730, 30.5450 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, 209)` looks like.

```
.text, #text, p{  
    color:rgb(247, 166, 209)  
}
```

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, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 166, 209) }
```

Border

The CSS property to change the border of an element to YIQ 195.1210, 34.4730, 30.5450 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, 209) }
```


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

```
.border{ border-color:rgb(247, 166, 209) }
```

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, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 166, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 166, 209);  
box-shadow:4px 4px 4px 4px rgb(247, 166,  
209) }
```

Background

The CSS property to change the background color of an element to YIQ 195.1210, 34.4730, 30.5450 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, 209) }
```

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

```
.background{ background-color: rgb(247,  
166, 209) }
```

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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