

Converting Colors

YIQ(196.4890, 30.6210, 34.2770)

Have a look what the booklet for
YIQ(196.4890, 30.6210, 34.2770)
contains.

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Color

**YIQ(196.4890, 30.6210,
34.2770)**

Conversions

Conversions Part 1

Format	Color
Hex	F7A6DD
RGB	247, 166, 221
RGB Percent	97%, 65%, 87%
CMY	0.0311, 0.3491, 0.1333
CMYK	0.00, 0.33, 0.11, 0.03
HSL	319°, 84%, 81%
HSV	319°, 33%, 97%
XYZ	65.0621, 52.2663, 75.0799
YIQ	196.4890, 30.6210, 34.2770

Conversions

Conversions Part 2

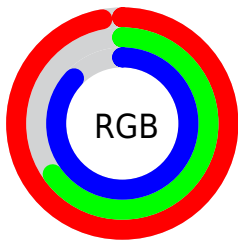
Format	Color
R _Y B	247, 166, 221
Decimal	16230109
CIE Lab	77.44, 37.90, -15.59
CIE LCh	77, 40.979, 337.640
Yxy	52.2663, 0.3381, 0.2716
Android (android.graphics.Color)	4294420189 (0xFF7A6DD)
YUV	196.4890, 12.0839, 44.2981
Hunter-Lab	72.2955, 34.1235, -10.9668

Details

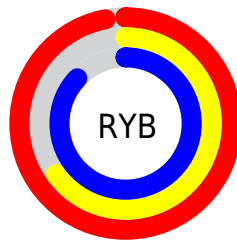
The YIQ color $196.4890, 30.6210, 34.2770$ is a light color, and the websafe version is hex $FF99CC$. A complement of this color would be $216.5110, -30.6210, -34.2770$, and the grayscale version is $196.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $235.6290, 9.0750, 17.2590$, and $141.7660, 28.2830, 32.5950$ is the 20% darker color. If you saturate the color by 10%, you get $180.9020, 40.0640, 44.8640$, and if you desaturate by 10%, it is $212.0760, 21.1780, 23.6900$.

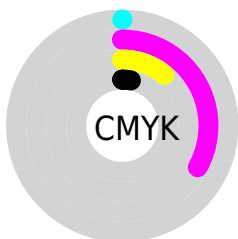
Distribution



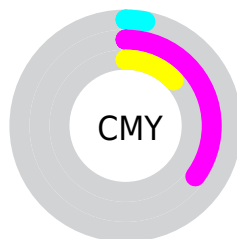
- Red (97%)
- Green (65%)
- Blue (87%)



- Red (97%)
- Yellow (65%)
- Blue (87%)



- Cyan (0%)
- Magenta (33%)
- Yellow (11%)
- Black (3%)





- Cyan (3%)
- Magenta (35%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 196.4890, 30.6210, 34.2770 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 196.4890, 30.6210, 34.2770 by changing the saturation by 10% instead.

 196.4890, 30.6210,
34.2770


 196.4890, 30.6210,
34.2770


255.0000, -0.0000,
-0.0000


 168.7770, 29.7500,
33.5420


 235.6290, 9.0750,
17.2590


 142.0650, 28.8790,
32.8070

 252.6520, 1.1000,
2.0920

 115.3530, 28.0080,
32.0720

 89.7550, 26.8160,
31.6480

 64.1570, 25.6240,
31.2240

 37.3250, 25.2110,
33.2030

 22.0590, 19.8480,

25.7680

■ 13.3860, 14.0730,
14.7850

■ 0.0000, 0.0000,
0.0000

■ 196.4890, 30.6210,
34.2770

■ 196.4890, 30.6210,
34.2770

■ 180.9020, 40.0640,
44.8640

■ 212.0760, 21.1780,
23.6900

■ 165.9020, 49.2320,
54.9280

■ 227.0760, 12.0100,
13.6260

■ 150.3150, 58.6750,
65.5150

■ 242.6630, 2.5670,
3.0390

■ 134.7280, 68.1180,
76.1020

■ 252.3800, -4.1260,
-2.3180

■ 119.1410, 77.5610,
86.6890

■ 252.6080, -4.7680,
-1.6960

■ 104.1410, 86.7290,
96.7530

■ 93.0050, 93.2840,
104.6120

Harmonies

Analogous

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



195.4060, -5.8740, 29.3740



196.4890, 30.6210, 34.2770



192.2010, 48.6870, 26.2470

Triad

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



196.4890, 30.6210, 34.2770



187.7070, 33.6570, -20.7670



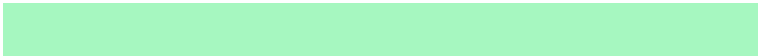
157.9480, -118.0100, -30.9220

Complementary

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



196.4890, 30.6210, 34.2770



216.5110, -30.6210, -34.2770

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.



166.6790, -83.7600, -34.8960



196.4890, 30.6210, 34.2770



183.6150, 1.3810, -30.5470

Square

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



196.4890, 30.6210, 34.2770



190.7410, 54.6530, -4.7950



176.6180, -38.2320, -34.0080



173.6460, -87.0200, -8.8440

Rectangle

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



196.4890, 30.6210, 34.2770



190.5250, 56.1620, 17.4260



176.6180, -38.2320, -34.0080



158.4770, -112.3700, -34.0180

Sweetspot

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



196.4890, 30.6210, 34.2770



239.4130, 9.4430, 10.5870



183.0080, -10.5050, 30.7030



118.0380, 6.0050, 6.8130



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.



196.4890, 30.6210, 34.2770



193.2390, 37.4970, 41.8250



191.9290, 43.4610, 21.8370



114.5000, 4.5840, 5.0320



69.9780, 70.4100, 78.6180



22.2010, 22.3240, 24.9480

Inverse Universe

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



196.4890, 30.6210, 34.2770



193.2390, 37.4970, 41.8250



221.0710, -43.4610, -21.8370



114.5000, 4.5840, 5.0320



69.9780, 70.4100, 78.6180



22.2010, 22.3240, 24.9480

Previews

White Background



This preview shows how the YIQ color 196.4890, 30.6210, 34.2770 looks on a white background.

Color Contrast Check

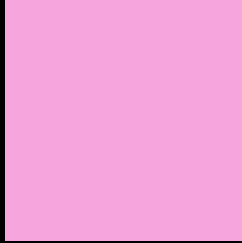
Large Text (above 18pt) WCAG AA × Fail

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 196.4890, 30.6210, 34.2770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

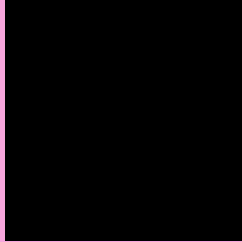
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 196.4890, 30.6210, 34.2770

Background



This preview shows how black text looks on a background with the YIQ color 196.4890, 30.6210, 34.2770.



This preview shows how white text looks on a background with the YIQ color 196.4890, 30.6210,

34.2770.

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

196.4890, 30.6210, 34.2770

Protanopia

192.6670, -20.4510, 12.7090

Deuteranopia

193.7090, -3.0740, 11.6620



Tritanopia

195.4120, 37.5470, 18.8830

Trichromacy



Original Color

196.4890, 30.6210, 34.2770



Protanomaly

193.8760, -1.7460, 20.6380



Deuteranomaly

194.5090, 9.5330, 19.9730



Tritanomaly

195.4320, 34.7950, 24.7070

Monochromacy



Original Color

196.4890, 30.6210, 34.2770



Achromatopsia

196.0000, -0.0000, -0.0000



Achromatomaly

196.2500, 11.4600, 12.5800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 196.4890, 30.6210, 34.2770 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, 221)` looks like.

```
.text, #text, p{  
    color:rgb(247, 166, 221)  
}
```

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, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 166, 221) }
```

Border

The CSS property to change the border of an element to YIQ 196.4890, 30.6210, 34.2770 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, 221) }
```


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

```
.border{ border-color:rgb(247, 166, 221) }
```

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, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 166, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 166, 221);  
box-shadow:4px 4px 4px 4px rgb(247, 166,  
221) }
```

Background

The CSS property to change the background color of an element to YIQ 196.4890, 30.6210, 34.2770 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, 221) }
```

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

```
.background{ background-color: rgb(247,  
166, 221) }
```

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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