

Converting Colors

YIQ(169.9290, 61.7970, 41.9650)

Have a look what the booklet for
YIQ(169.9290, 61.7970, 41.9650)
contains.

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Color

**YIQ(169.9290, 61.7970,
41.9650)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7EAD
RGB	255, 126, 173
RGB Percent	100%, 49%, 68%
CMY	0.0000, 0.5061, 0.3214
CMYK	0.00, 0.51, 0.32, 0.00
HSL	338°, 100%, 75%
HSV	338°, 51%, 100%
XYZ	56.2419, 39.1871, 44.1618
YIQ	169.9290, 61.7970, 41.9650

Conversions

Conversions Part 2

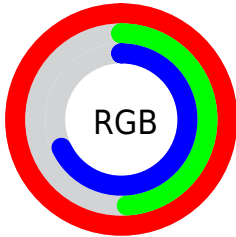
Format	Color
RYB	255, 126, 173
Decimal	16744109
CIELab	68.89, 53.88, -1.69
CIELCh	69, 53.905, 358.205
Yxy	39.1871, 0.4029, 0.2807
Android (android.graphics.Color)	4294934189 (0xFFFF7EAD)
YUV	169.9290, 1.5140, 74.6073
Hunter-Lab	62.5996, 50.8222, 1.9927

Details

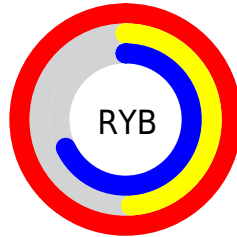
The YIQ color **169.9290, 61.7970, 41.9650** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **211.0710, -61.7970, -41.9650**, and the grayscale version is **170.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **209.0710, 28.7420, 29.7820**, and **113.7760, 57.8540, 41.8380** is the 20% darker color. If you saturate the color by 10%, you get **152.8430, 74.0830, 50.5870**, and if you desaturate by 10%, it is **186.4280, 49.7860, 33.8660**.

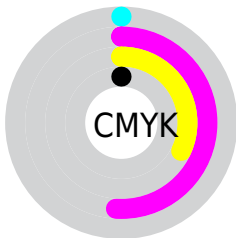
Distribution



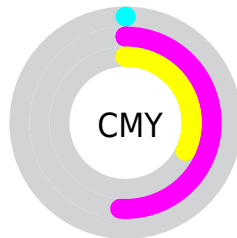
- Red (100%)
- Green (49%)
- Blue (68%)



- Red (100%)
- Yellow (49%)
- Blue (68%)



- Cyan (0%)
- Magenta (51%)
- Yellow (32%)
- Black (0%)





- Cyan (0%)
- Magenta (51%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 169.9290, 61.7970, 41.9650 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 169.9290, 61.7970, 41.9650 by changing the saturation by 10% instead.

 169.9290, 61.7970,
41.9650


 169.9290, 61.7970,
41.9650


255.0000, -0.0000,
-0.0000


 142.1460, 59.6880,
41.6400


 209.0710, 28.7420,
29.7820


 113.7760, 57.8540,
41.8380


 228.5850, 12.3750,
23.5350

 85.2320, 56.5700,
43.0820

 246.1950, 4.1250,
7.8450

 49.2850, 58.2190,
51.7470

 38.2910, 48.9140,
38.6580

 27.5250, 38.9670,
26.1910

 17.2710, 33.3300,

12.7060

■ 4.4850, 8.9400,
3.1800

■ 0.0000, 0.0000,
0.0000

■ 169.9290, 61.7970,
41.9650

■ 169.9290, 61.7970,
41.9650

■ 152.8430, 74.0830,
50.5870

■ 186.4280, 49.7860,
33.8660

■ 136.3440, 86.0940,
58.6860

■ 203.5140, 37.5000,
25.2440

■ 119.1440, 98.7010,
66.9970

■ 220.1270, 25.1680,
17.4560

■ 102.6450,
110.7120, 75.0960

■ 237.2130, 12.8820,
8.8340

■ 86.8470, 122.1270,
82.9830

253.7120, 0.8710,
0.7350

255.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



172.7740, 25.8050, 44.4690



169.9290, 61.7970, 41.9650



166.8050, 76.1050, 24.9450

Triad

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



169.9290, 61.7970, 41.9650



158.8150, 15.1370, -37.5590



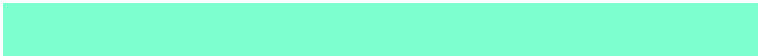
137.6820, -131.4000, -19.5280

Complementary

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



169.9290, 61.7970, 41.9650



211.0710, -61.7970, -41.9650

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.



136.9860, -121.1730, -34.1730



169.9290, 61.7970, 41.9650



149.4790, -36.7630, -44.1150

Square

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



169.9290, 61.7970, 41.9650



162.9940, 51.7220, -23.2700



131.2860, -105.1230, -49.7230



148.8490, -94.5410, 0.8110

Rectangle

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



169.9290, 61.7970, 41.9650



166.4930, 76.3830, 8.8870



131.2860, -105.1230, -49.7230



138.3030, -129.0150, -24.2070

Sweetspot

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



169.9290, 61.7970, 41.9650



229.9580, 18.1540, 12.4100



165.2240, 7.4630, 57.5030



112.7890, 11.1400, 7.3640



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.



169.9290, 61.7970, 41.9650



152.1420, 74.6790, 50.7990



174.5500, 72.2090, 18.4570



119.3430, 6.4640, 4.0000



65.0890, 91.3660, 62.2620



21.7580, 30.7610, 20.7210

Inverse Universe

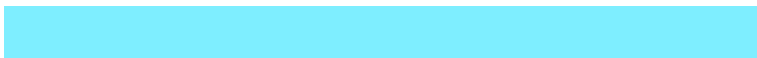
The Inverse Universe completely reimagines the original color for something new.



169.9290, 61.7970, 41.9650



152.1420, 74.6790, 50.7990



206.4500, -72.2090, -18.4570



119.3430, 6.4640, 4.0000



65.0890, 91.3660, 62.2620



21.7580, 30.7610, 20.7210

Previews

White Background



This preview shows how the YIQ color 169.9290, 61.7970, 41.9650 looks on a white background.

Color Contrast Check

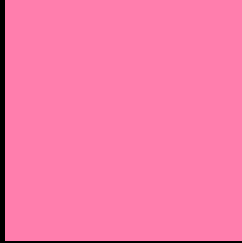
Large Text (above 18pt) WCAG AA × Fail

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 169.9290, 61.7970, 41.9650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

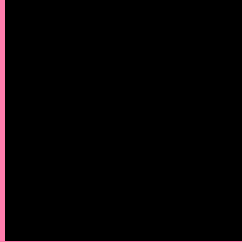
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 169.9290, 61.7970, 41.9650

Background



This preview shows how black text looks on a background with the YIQ color 169.9290, 61.7970, 41.9650.



This preview shows how white text looks on a background with the YIQ color 169.9290, 61.7970,

41.9650.

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

169.9290, 61.7970, 41.9650

Protanopia

169.0390, -12.9310, 8.5810

Deuteranopia

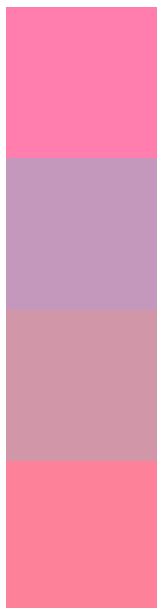
170.0340, 11.8280, 5.9080



Tritanopia

168.9060, 68.6310, 28.2390

Trichromacy



Original Color

169.9290, 61.7970, 41.9650

Protanomaly

169.3740, 14.3470, 20.8350

Deuteranomaly

170.1060, 29.6610, 18.6290

Tritanomaly

169.3990, 65.9250, 33.2290

Monochromacy



Original Color

169.9290, 61.7970, 41.9650

Achromatopsia

170.0000, -0.0000, 0.0000

Achromatomaly

169.9910, 22.5550, 15.2510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 169.9290, 61.7970, 41.9650 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, 126, 173)` looks like.

```
.text, #text, p{  
    color:rgb(255, 126, 173)  
}
```

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, 126, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 126, 173) }
```

Border

The CSS property to change the border of an element to YIQ 169.9290, 61.7970, 41.9650 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, 126, 173) }
```


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

```
.border{ border-color:rgb(255, 126, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 126, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 126, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 126, 173);  
box-shadow:4px 4px 4px 4px rgb(255, 126,  
173) }
```

Background

The CSS property to change the background color of an element to YIQ 169.9290, 61.7970, 41.9650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 126, 173) }
```

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

```
.background{ background-color: rgb(255,  
126, 173) }
```

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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