

Converting Colors

YIQ(189.7920, 42.5890, 26.6290)

Have a look what the booklet for
YIQ(189.7920, 42.5890, 26.6290)
contains.

YIQ(189.7920, 42.5890, 26.6290)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(189.7920, 42.5890,
26.6290)**

Conversions

Conversions Part 1

Format	Color
Hex	F7A1BC
RGB	247, 161, 188
RGB Percent	97%, 63%, 74%
CMY	0.0311, 0.3687, 0.2626
CMYK	0.00, 0.35, 0.24, 0.03
HSL	341°, 84%, 80%
HSV	341°, 35%, 97%
XYZ	60.1974, 48.8940, 53.8630
YIQ	189.7920, 42.5890, 26.6290

Conversions

Conversions Part 2

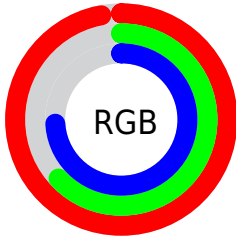
Format	Color
R _Y B	247, 161, 188
Decimal	16228796
CIE Lab	75.39, 35.49, -0.61
CIE LCh	75, 35.491, 359.007
Yxy	48.8940, 0.3694, 0.3000
Android (android.graphics.Color)	4294418876 (0xFFF7A1BC)
YUV	189.7920, -0.8835, 50.1714
Hunter-Lab	69.9243, 31.3023, 3.2756

Details

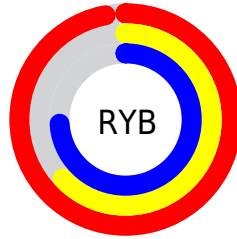
The YIQ color **189.7920, 42.5890, 26.6290** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **218.2080, -42.5890, -26.6290**, and the grayscale version is **190.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **231.4400, 13.9810, 16.4530**, and **135.2970, 39.6090, 25.5690** is the 20% darker color. If you saturate the color by 10%, you get **173.1790, 54.9210, 34.4170**, and if you desaturate by 10%, it is **206.4050, 30.2570, 18.8410**.

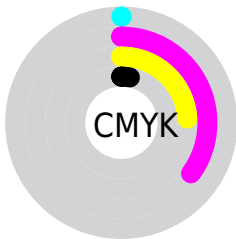
Distribution



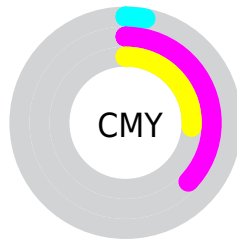
- Red (97%)
- Green (63%)
- Blue (74%)



- Red (97%)
- Yellow (63%)
- Blue (74%)



- Cyan (0%)
- Magenta (35%)
- Yellow (24%)
- Black (3%)





- Cyan (3%)
- Magenta (37%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 189.7920, 42.5890, 26.6290 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 189.7920, 42.5890, 26.6290 by changing the saturation by 10% instead.


 189.7920, 42.5890,
26.6290


 189.7920, 42.5890,
26.6290


255.0000, -0.0000,
-0.0000


 162.1940, 41.3970,
26.2050


 231.4400, 13.9810,
16.4530


 135.2970, 39.6090,
25.5690

 249.1300, 2.7500,
5.2300

 109.4000, 37.8210,
24.9330

 83.5030, 36.0330,
24.2970

 58.4320, 34.7950,
24.7070

 31.4150, 33.4650,
26.7850

 18.7250, 26.3600,

17.8800

■ 8.7850, 16.9630,
6.4590

■ 0.0000, 0.0000,
0.0000

■ 189.7920, 42.5890,
26.6290

■ 189.7920, 42.5890,
26.6290

■ 173.1790, 54.9210,
34.4170

■ 206.4050, 30.2570,
18.8410

■ 157.1530, 66.9780,
41.6820

■ 222.4310, 18.2000,
11.5760

■ 140.5400, 79.3100,
49.4700

■ 239.0440, 5.8680,
3.7880

■ 123.9270, 91.6420,
57.2580

■ 252.6080, -4.7680,
-1.6960

■ 107.3140,
103.9740, 65.0460

■ 91.2880, 116.0310,
72.3110

■ 82.7450, 122.1740,
76.6220

Harmonies

Analogous

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



190.6830, 18.1510, 28.9910



189.7920, 42.5890, 26.6290



187.9160, 53.5030, 16.0550

Triad

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



189.7920, 42.5890, 26.6290



180.2080, 10.1370, -24.0310



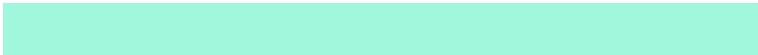
170.9090, -77.5750, -9.3110

Complementary

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



189.7920, 42.5890, 26.6290



218.2080, -42.5890, -26.6290

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.



165.0140, -82.8450, -23.9410



189.7920, 42.5890, 26.6290



175.5770, -21.8190, -28.5950

Square

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



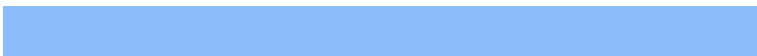
189.7920, 42.5890, 26.6290



183.5920, 35.7190, -14.0810



169.0260, -56.7560, -28.6920



181.1180, -49.7020, 8.6820

Rectangle

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



189.7920, 42.5890, 26.6290



187.2930, 53.4590, 5.8350



169.0260, -56.7560, -28.6920



167.6970, -83.0300, -15.0780

Sweetspot

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



189.7920, 42.5890, 26.6290



238.3870, 12.3320, 7.7880



188.4450, 7.5580, 39.2540



117.3540, 7.9310, 4.9470



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.



189.7920, 42.5890, 26.6290



183.8690, 52.8580, 33.2580



196.1060, 46.8560, 9.8640



114.0440, 5.8680, 3.7880



62.3400, 91.9170, 57.7810



19.6930, 29.3860, 18.1060

Inverse Universe

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



189.7920, 42.5890, 26.6290



183.8690, 52.8580, 33.2580



211.8940, -46.8560, -9.8640



114.0440, 5.8680, 3.7880



62.3400, 91.9170, 57.7810



19.6930, 29.3860, 18.1060

Previews

White Background



This preview shows how the YIQ color 189.7920, 42.5890, 26.6290 looks on a white background.

Color Contrast Check

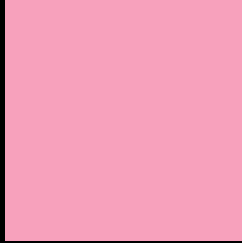
Large Text (above 18pt) WCAG AA × Fail

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 189.7920, 42.5890, 26.6290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

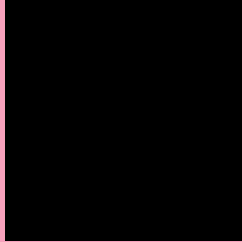
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 189.7920, 42.5890, 26.6290

Background



This preview shows how black text looks on a background with the YIQ color 189.7920, 42.5890, 26.6290.



This preview shows how white text looks on a background with the YIQ color 189.7920, 42.5890,

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

189.7920, 42.5890, 26.6290

Protanopia

186.9380, -5.4570, 5.2870

Deuteranopia

187.7460, 12.6990, 6.6430



Tritanopia

189.1850, 45.6160, 21.3280

Trichromacy



Original Color

189.7920, 42.5890, 26.6290



Protanomaly

187.9620, 12.3310, 13.3150



Deuteranomaly

188.5350, 23.8390, 14.0070



Tritanomaly

189.1680, 44.2860, 23.4060

Monochromacy



Original Color

189.7920, 42.5890, 26.6290



Achromatopsia

190.0000, -0.0000, -0.0000



Achromatomaly

189.7080, 15.8620, 9.8940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 189.7920, 42.5890, 26.6290 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, 161, 188)` looks like.

```
.text, #text, p{  
    color:rgb(247, 161, 188)  
}
```

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, 161, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 161, 188) }
```

Border

The CSS property to change the border of an element to YIQ 189.7920, 42.5890, 26.6290 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, 161, 188) }
```


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

```
.border{ border-color:rgb(247, 161, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 161, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(247, 161, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(247, 161, 188); box-shadow:4px 4px 4px 4px rgb(247, 161, 188) }
```

Background

The CSS property to change the background color of an element to YIQ 189.7920, 42.5890, 26.6290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 161, 188) }
```

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

```
.background{ background-color: rgb(247,  
161, 188) }
```

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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