

Converting Colors

YIQ(192.9420, 33.4190, 27.6190)

Have a look what the booklet for
YIQ(192.9420, 33.4190, 27.6190)
contains.

YIQ(192.9420, 33.4190, 27.6190)	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(192.9420, 33.4190,
27.6190)**

Conversions

Conversions Part 1

Format	Color
Hex	F2A6CB
RGB	242, 166, 203
RGB Percent	95%, 65%, 80%
CMY	0.0508, 0.3491, 0.2038
CMYK	0.00, 0.31, 0.16, 0.05
HSL	331°, 75%, 80%
HSV	331°, 31%, 95%
XYZ	61.0489, 50.4604, 63.0387
YIQ	192.9420, 33.4190, 27.6190

Conversions

Conversions Part 2

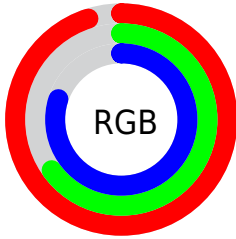
Format	Color
RYB	242, 166, 203
Decimal	15902411
CIELab	76.35, 33.34, -7.47
CIELCh	76, 34.164, 347.378
Yxy	50.4604, 0.3498, 0.2891
Android (android.graphics.Color)	4294092491 (0xFFFF2A6CB)
YUV	192.9420, 4.9586, 43.0239
Hunter-Lab	71.0355, 29.0934, -2.8906

Details

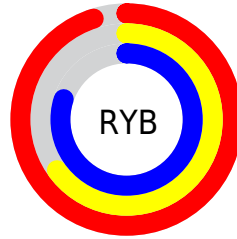
The YIQ color **192.9420, 33.4190, 27.6190** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **215.0580, -33.4190, -27.6190**, and the grayscale version is **193.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **235.6290, 9.0750, 17.2590**, and **138.6320, 31.3560, 26.4600** is the 20% darker color. If you saturate the color by 10%, you get **177.4860, 43.8710, 36.4390**, and if you desaturate by 10%, it is **208.3980, 22.9670, 18.7990**.

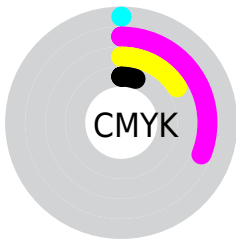
Distribution



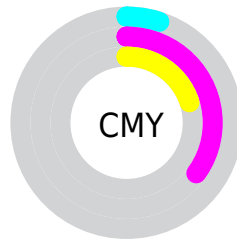
- Red (95%)
- Green (65%)
- Blue (80%)



- Red (95%)
- Yellow (65%)
- Blue (80%)



- Cyan (0%)
- Magenta (31%)
- Yellow (16%)
- Black (5%)




- Cyan (5%)
- Magenta (35%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 192.9420, 33.4190, 27.6190 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 192.9420, 33.4190, 27.6190 by changing the saturation by 10% instead.


 192.9420, 33.4190,
27.6190


 192.9420, 33.4190,
27.6190


255.0000, -0.0000,
-0.0000


 165.3440, 32.2270,
27.1950


 235.6290, 9.0750,
17.2590


 138.6320, 31.3560,
26.4600

 252.6520, 1.1000,
2.0920

 112.6210, 29.8890,
25.5130

 87.0230, 28.6970,
25.0890

 62.4250, 27.5050,
24.6650

 36.8810, 26.2210,
25.9090

 19.6800, 22.2330,

21.0890

■ 9.7250, 17.1920,
7.8160

■ 0.0000, 0.0000,
0.0000

■ 192.9420, 33.4190,
27.6190

■ 192.9420, 33.4190,
27.6190

■ 177.4860, 43.8710,
36.4390

■ 208.3980, 22.9670,
18.7990

■ 161.9160, 54.6440,
44.9480

■ 223.9680, 12.1940,
10.2900

■ 145.8730, 65.3710,
54.2910

■ 240.0110, 1.4670,
0.9470

■ 130.3030, 76.1440,
62.8000

■ 250.8850, -7.1060,
-3.3780

■ 114.8470, 86.5960,
71.6200

■ 251.1130, -7.7480,
-2.7560

■ 99.3910, 97.0480,
80.4400

■ 85.8100, 106.3540,
88.0020

Harmonies

Analogous

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



192.7570, 6.1390, 26.4190



192.9420, 33.4190, 27.6190



191.3980, 49.3300, 20.0980

Triad

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



192.9420, 33.4190, 27.6190



184.5900, 20.8650, -20.2150



171.5620, -78.2160, -14.2160

Complementary

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



192.9420, 33.4190, 27.6190



215.0580, -33.4190, -27.6190

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.



170.7180, -70.3280, -25.0160



192.9420, 33.4190, 27.6190



180.5740, -8.5690, -26.4330

Square

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



192.9420, 33.4190, 27.6190



187.6900, 41.4950, -8.6250



175.3390, -41.5800, -28.3960



180.5250, -58.4580, 2.1660

Rectangle

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



192.9420, 33.4190, 27.6190



190.5690, 52.8620, 11.1500



175.3390, -41.5800, -28.3960



170.3290, -79.1780, -18.8100

Sweetspot

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



192.9420, 33.4190, 27.6190



240.1310, 10.1770, 8.2970



186.0260, -1.7480, 31.6920



118.2830, 6.6930, 5.3570



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.



192.9420, 33.4190, 27.6190



192.3610, 42.7250, 35.1810



188.7240, 45.2960, 16.1120



112.2720, 5.2260, 4.4100



65.1620, 81.0950, 66.6870



19.8220, 24.7090, 20.2690

Inverse Universe

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



192.9420, 33.4190, 27.6190



192.3610, 42.7250, 35.1810



219.2760, -45.2960, -16.1120



112.2720, 5.2260, 4.4100



65.1620, 81.0950, 66.6870



19.8220, 24.7090, 20.2690

Previews

White Background



This preview shows how the YIQ color 192.9420, 33.4190, 27.6190 looks on a white background.

Color Contrast Check

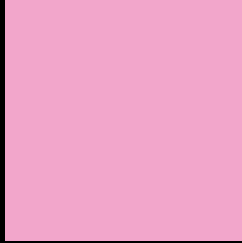
Large Text (above 18pt) WCAG AA × Fail

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 192.9420, 33.4190, 27.6190 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 192.9420, 33.4190, 27.6190

Background



This preview shows how black text looks on a background with the YIQ color 192.9420, 33.4190, 27.6190.



This preview shows how white text looks on a background with the YIQ color 192.9420, 33.4190,

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

192.9420, 33.4190, 27.6190

Protanopia

189.4090, -11.0970, 8.3830

Deuteranopia

190.6190, 5.8670, 9.3150



Tritanopia

192.4120, 37.5470, 18.8830

Trichromacy



Original Color

192.9420, 33.4190, 27.6190

Protanomaly

190.4220, 5.2240, 15.4640

Deuteranomaly

191.6960, 16.1360, 15.9440

Tritanomaly

192.9220, 36.1710, 21.7950

Monochromacy



Original Color

192.9420, 33.4190, 27.6190

Achromatopsia

193.0000, -0.0000, -0.0000

Achromatomaly

192.9680, 12.1940, 10.2900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 192.9420, 33.4190, 27.6190 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(242, 166, 203)` looks like.

```
.text, #text, p{  
    color:rgb(242, 166, 203)  
}
```

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(242, 166, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 166, 203) }
```

Border

The CSS property to change the border of an element to YIQ 192.9420, 33.4190, 27.6190 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(242, 166, 203) }
```


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

```
.border{ border-color:rgb(242, 166, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 166, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 166, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 166, 203);  
box-shadow:4px 4px 4px 4px rgb(242, 166,  
203) }
```

Background

The CSS property to change the background color of an element to YIQ 192.9420, 33.4190, 27.6190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 166, 203) }
```

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

```
.background{ background-color: rgb(242,  
166, 203) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor