

Converting Colors

YIQ(190.0070, 34.7940, 30.2340)

Have a look what the booklet for
YIQ(190.0070, 34.7940, 30.2340)
contains.

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Color

**YIQ(190.0070, 34.7940,
30.2340)**

Conversions

Conversions Part 1

Format	Color
Hex	F2A1CB
RGB	242, 161, 203
RGB Percent	95%, 63%, 80%
CMY	0.0508, 0.3687, 0.2038
CMYK	0.00, 0.33, 0.16, 0.05
HSL	329°, 76%, 79%
HSV	329°, 33%, 95%
XYZ	60.1588, 48.6781, 62.7418
YIQ	190.0070, 34.7940, 30.2340

Conversions

Conversions Part 2

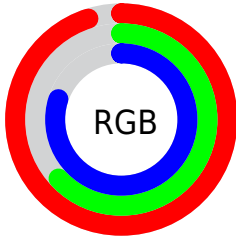
Format	Color
R_{YB}	242, 161, 203
Decimal	15901131
CIE Lab	75.25, 35.97, -9.10
CIE LCh	75, 37.108, 345.804
Yxy	48.6781, 0.3506, 0.2837
Android (android.graphics.Color)	4294091211 (0xFFFF2A1CB)
YUV	190.0070, 6.4055, 45.5979
Hunter-Lab	69.7697, 31.8143, -4.4790

Details

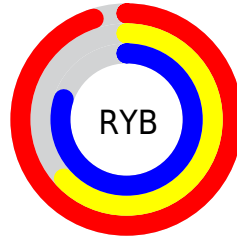
The YIQ color **190.0070, 34.7940, 30.2340** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **212.9930, -34.7940, -30.2340**, and the grayscale version is **190.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **232.6940, 10.4500, 19.8740**, and **135.6970, 32.7310, 29.0750** is the 20% darker color. If you saturate the color by 10%, you get **174.5510, 45.2460, 39.0540**, and if you desaturate by 10%, it is **205.4630, 24.3420, 21.4140**.

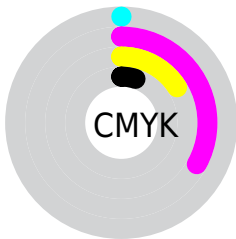
Distribution



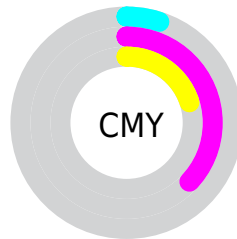
- Red (95%)
- Green (63%)
- Blue (80%)



- Red (95%)
- Yellow (63%)
- Blue (80%)



- Cyan (0%)
- Magenta (33%)
- Yellow (16%)
- Black (5%)




- Cyan (5%)
- Magenta (37%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 190.0070, 34.7940, 30.2340 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 190.0070, 34.7940, 30.2340 by changing the saturation by 10% instead.

 190.0070, 34.7940,
30.2340


 190.0070, 34.7940,
30.2340


255.0000, -0.0000,
-0.0000


 162.4090, 33.6020,
29.8100


 232.6940, 10.4500,
19.8740


 135.6970, 32.7310,
29.0750

 249.1300, 2.7500,
5.2300

 109.6860, 31.2640,
28.1280

 84.0880, 30.0720,
27.7040

 58.6040, 28.5590,
27.5910

 32.1850, 28.4210,
30.0930

 19.3810, 21.6370,

20.8770

■ 8.7140, 15.7250,
6.8690

■ 0.0000, 0.0000,
0.0000

■ 190.0070, 34.7940,
30.2340

■ 190.0070, 34.7940,
30.2340

■ 174.5510, 45.2460,
39.0540

■ 205.4630, 24.3420,
21.4140

■ 159.2090, 55.3770,
48.1850

■ 220.8050, 14.2110,
12.2830

■ 143.1660, 66.1040,
57.5280

■ 236.8480, 3.4840,
2.9400

■ 127.7100, 76.5560,
66.3480

■ 250.5430, -6.1430,
-4.3110

■ 112.3680, 86.6870,
75.4790

■ 251.1130, -7.7480,
-2.7560

■ 96.9120, 97.1390,
84.2990

■ 86.7220, 103.7860,
90.4900

Harmonies

Analogous

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



189.7400, 4.8090, 28.4970



190.0070, 34.7940, 30.2340



188.7190, 52.8600, 22.2040

Triad

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



190.0070, 34.7940, 30.2340



181.3190, 23.0660, -21.5580



163.6850, -91.9240, -19.0920

Complementary

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



190.0070, 34.7940, 30.2340



212.9930, -34.7940, -30.2340

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.



163.5210, -80.1390, -28.9310



190.0070, 34.7940, 30.2340



177.2920, -7.8350, -28.7230

Square

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



190.0070, 34.7940, 30.2340



184.7290, 45.7590, -8.8090



171.0890, -43.8720, -30.9120



175.0940, -67.4900, 0.6540

Rectangle

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



190.0070, 34.7940, 30.2340



187.1890, 56.9880, 13.4680



171.0890, -43.8720, -30.9120



161.7510, -92.2900, -23.4740

Sweetspot

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



190.0070, 34.7940, 30.2340



238.9570, 10.7270, 9.3430



181.5960, -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.



190.0070, 34.7940, 30.2340



189.5400, 43.7790, 38.1070



185.5610, 47.3130, 18.1050



112.2720, 5.2260, 4.4100



65.8460, 79.1690, 68.5530



20.0500, 24.0670, 20.8910

Inverse Universe

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



190.0070, 34.7940, 30.2340



189.5400, 43.7790, 38.1070



217.4390, -47.3130, -18.1050



112.2720, 5.2260, 4.4100



65.8460, 79.1690, 68.5530



20.0500, 24.0670, 20.8910

Previews

White Background



This preview shows how the YIQ color 190.0070, 34.7940, 30.2340 looks on a white background.

Color Contrast Check

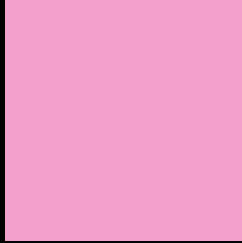
Large Text (above 18pt) WCAG AA × Fail

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 190.0070, 34.7940, 30.2340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

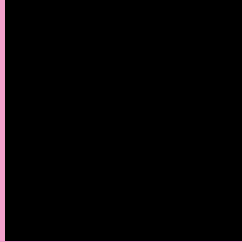
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 190.0070, 34.7940, 30.2340

Background



This preview shows how black text looks on a background with the YIQ color 190.0070, 34.7940, 30.2340.



This preview shows how white text looks on a background with the YIQ color 190.0070, 34.7940,

30.2340.

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

190.0070, 34.7940, 30.2340

Protanopia

186.3810, -13.8940, 9.5140

Deuteranopia

187.3630, 3.7120, 9.8240



Tritanopia

188.6080, 39.9310, 19.7310

Trichromacy



Original Color

190.0070, 34.7940, 30.2340



Protanomaly

187.9920, 3.6190, 17.0190



Deuteranomaly

188.1520, 14.8520, 17.1880



Tritanomaly

189.3460, 37.9130, 23.2650

Monochromacy



Original Color

190.0070, 34.7940, 30.2340



Achromatopsia

190.0000, -0.0000, -0.0000



Achromatomaly

189.7940, 12.7440, 11.3360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 190.0070, 34.7940, 30.2340 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, 161, 203)` looks like.

```
.text, #text, p{  
    color:rgb(242, 161, 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, 161, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 161, 203) }
```

Border

The CSS property to change the border of an element to YIQ 190.0070, 34.7940, 30.2340 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, 161, 203) }
```


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

```
.border{ border-color:rgb(242, 161, 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, 161, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 161, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 161, 203);  
box-shadow:4px 4px 4px 4px rgb(242, 161,  
203) }
```

Background

The CSS property to change the background color of an element to YIQ 190.0070, 34.7940, 30.2340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 161, 203) }
```

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

```
.background{ background-color: rgb(242,  
161, 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](#).

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