

Converting Colors

YIQ(169.9840, 34.7420, 64.2300)

Have a look what the booklet for
YIQ(169.9840, 34.7420, 64.2300)
contains.

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Color

**YIQ(169.9840, 34.7420,
64.2300)**

Conversions

Conversions Part 1

Format	Color
Hex	F377F1
RGB	243, 119, 241
RGB Percent	95%, 47%, 95%
CMY	0.0467, 0.5335, 0.0549
CMYK	0.00, 0.51, 0.01, 0.05
HSL	301°, 84%, 71%
HSV	301°, 51%, 95%
XYZ	59.4643, 38.6044, 87.5450
YIQ	169.9840, 34.7420, 64.2300

Conversions

Conversions Part 2

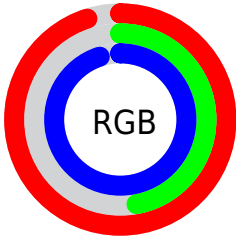
Format	Color
RYB	243, 119, 241
Decimal	15955953
CIELab	68.46, 63.57, -40.35
CIElCh	68, 75.293, 327.597
Yxy	38.6044, 0.3204, 0.2080
Android (android.graphics.Color)	4294146033 (0xFFFF377F1)
YUV	169.9840, 35.0109, 64.0350
Hunter-Lab	62.1324, 62.1030, -40.0473

Details

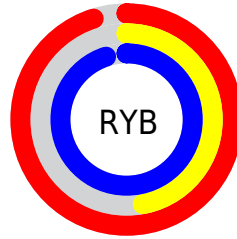
The YIQ color **169.9840, 34.7420, 64.2300** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **192.0160, -34.7420, -64.2300**, and the grayscale version is **170.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **208.0400, 22.0000, 41.8400**, and **112.3860, 33.5500, 63.8060** is the 20% darker color. If you saturate the color by 10%, you get **155.8960, 41.3420, 76.7820**, and if you desaturate by 10%, it is **184.0720, 28.1420, 51.6780**.

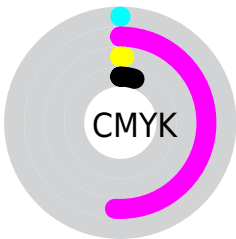
Distribution



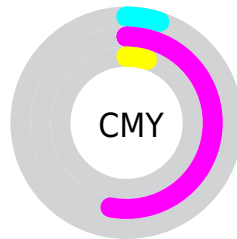
- Red (95%)
- Green (47%)
- Blue (95%)



- Red (95%)
- Yellow (47%)
- Blue (95%)



- Cyan (0%)
- Magenta (51%)
- Yellow (1%)
- Black (5%)




- Cyan (5%)
- Magenta (53%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 169.9840, 34.7420, 64.2300 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 169.9840, 34.7420, 64.2300 by changing the saturation by 10% instead.


 169.9840, 34.7420,
64.2300


 169.9840, 34.7420,
64.2300


255.0000, -0.0000,
-0.0000

 141.2720, 33.8710,
63.4950


 208.0400, 22.0000,
41.8400


 112.3860, 33.5500,
63.8060


 225.0630, 14.0250,
26.6730

 81.5650, 34.6040,
66.7320

 242.6730, 5.7750,
10.9830

 53.2060, 34.2370,
67.8770

 41.8700, 25.8950,
53.8550

 30.9470, 17.8280,
40.3560

 21.1490, 10.9070,

28.1150

■ 7.1650, -4.3580,
12.9060

■ 0.9120, -2.5680,
2.4880

■ 169.9840, 34.7420,
64.2300

■ 169.9840, 34.7420,
64.2300

■ 155.8960, 41.3420,
76.7820

■ 184.0720, 28.1420,
51.6780

■ 141.1070, 48.5380,
89.5460

■ 198.8610, 20.9460,
38.9140

■ 127.0190, 55.1380,
102.0980

■ 212.9490, 14.3460,
26.3620

■ 112.8170, 62.0590,
114.3390

■ 227.1510, 7.4250,
14.1210

99.9030, 68.1090,
125.8450

241.8260, 0.5500,
1.0460

250.0440, -3.3000,
-6.2760

250.1580, -3.6210,
-5.9650

250.2720, -3.9420,
-5.6540

Harmonies

Analogous

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



163.7530, -31.5960, 32.9800



169.9840, 34.7420, 64.2300



152.5470, 69.4050, 58.2770

Triad

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



169.9840, 34.7420, 64.2300



156.0900, 77.0340, -41.4780



142.2180, -127.6380, -32.6460

Complementary

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



169.9840, 34.7420, 64.2300



192.0160, -34.7420, -64.2300

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.



134.3520, -105.4890, -54.1050



169.9840, 34.7420, 64.2300



149.7890, 26.0530, -59.1870

Square

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



169.9840, 34.7420, 64.2300



160.2610, 100.0430, -1.4050



123.4370, -81.6440, -73.2600



141.7740, -134.6550, -21.1110

Rectangle

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



169.9840, 34.7420, 64.2300



149.1780, 83.0250, 42.7130



123.4370, -81.6440, -73.2600



139.7100, -120.5760, -39.4880

Sweetspot

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



169.9840, 34.7420, 64.2300



232.5800, 10.7710, 19.5630



133.7340, -38.6120, 38.9880



114.3850, 6.6460, 11.7180



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.



169.9840, 34.7420, 64.2300



163.0860, 43.8630, 80.6550



162.9160, 54.6440, 44.9480



114.9560, 3.3000, 6.2760



76.4760, 52.1130, 96.3450



24.2530, 16.5460, 30.5460

Inverse Universe

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



169.9840, 34.7420, 64.2300



163.0860, 43.8630, 80.6550



199.0840, -54.6440, -44.9480



114.9560, 3.3000, 6.2760



76.4760, 52.1130, 96.3450



24.2530, 16.5460, 30.5460

Previews

White Background



This preview shows how the YIQ color 169.9840, 34.7420, 64.2300 looks on a white background.

Color Contrast Check

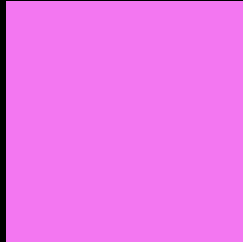
Large Text (above 18pt) WCAG AA × Fail

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 169.9840, 34.7420, 64.2300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

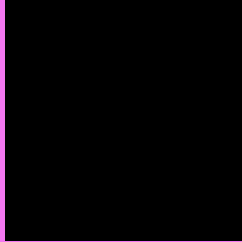
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 169.9840, 34.7420, 64.2300

Background



This preview shows how black text looks on a background with the YIQ color 169.9840, 34.7420, 64.2300.



This preview shows how white text looks on a background with the YIQ color 169.9840, 34.7420,

64.2300.

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

169.9840, 34.7420, 64.2300

Protanopia

165.9910, -47.3660, 21.4180

Deuteranopia

166.7720, -33.7480, 16.9080



Tritanopia

169.3490, 51.0260, 22.4020

Trichromacy



Original Color

169.9840, 34.7420, 64.2300



Protanomaly

167.4020, -17.2460, 37.2340



Deuteranomaly

167.8990, -8.5800, 34.3640



Tritanomaly

169.6110, 45.0170, 37.6970

Monochromacy



Original Color

169.9840, 34.7420, 64.2300



Achromatopsia

170.0000, -0.0000, 0.0000



Achromatomaly

169.8840, 12.9710, 23.7470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 169.9840, 34.7420, 64.2300 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(243, 119, 241)` looks like.

```
.text, #text, p{  
    color:rgb(243, 119, 241)  
}
```

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(243, 119, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 119, 241) }
```

Border

The CSS property to change the border of an element to YIQ 169.9840, 34.7420, 64.2300 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(243, 119, 241) }
```


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

```
.border{ border-color:rgb(243, 119, 241) }
```

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

Here you see how a box with a 4 pixel rgb(243, 119, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 119, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 119, 241);  
box-shadow:4px 4px 4px 4px rgb(243, 119,  
241) }
```

Background

The CSS property to change the background color of an element to YIQ 169.9840, 34.7420, 64.2300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 119, 241) }
```

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

```
.background{ background-color: rgb(243,  
119, 241) }
```

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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