

Converting Colors

YIQ(192.6420, 34.5640, 34.4040)

Have a look what the booklet for
YIQ(192.6420, 34.5640, 34.4040)
contains.

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Color

**YIQ(192.6420, 34.5640,
34.4040)**

Conversions

Conversions Part 1

Format	Color
Hex	F7A1D5
RGB	247, 161, 213
RGB Percent	97%, 63%, 84%
CMY	0.0311, 0.3687, 0.1646
CMYK	0.00, 0.35, 0.14, 0.03
HSL	324°, 84%, 80%
HSV	324°, 35%, 97%
XYZ	63.1310, 50.0677, 69.3039
YIQ	192.6420, 34.5640, 34.4040

Conversions

Conversions Part 2

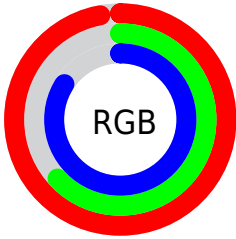
Format	Color
R_{YB}	247, 161, 213
Decimal	16228821
CIE Lab	76.11, 39.22, -13.23
CIE LCh	76, 41.394, 341.363
Yxy	50.0677, 0.3459, 0.2743
Android (android.graphics.Color)	4294418901 (0xFFF7A1D5)
YUV	192.6420, 10.0365, 47.6720
Hunter-Lab	70.7585, 35.4311, -8.5402

Details

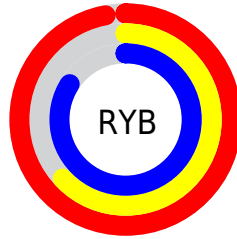
The YIQ color **192.6420, 34.5640, 34.4040** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **215.3580, -34.5640, -34.4040**, and the grayscale version is **193.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **232.6940, 10.4500, 19.8740**, and **137.9190, 32.2260, 32.7220** is the 20% darker color. If you saturate the color by 10%, you get **176.8270, 44.6490, 44.3690**, and if you desaturate by 10%, it is **208.4570, 24.4790, 24.4390**.

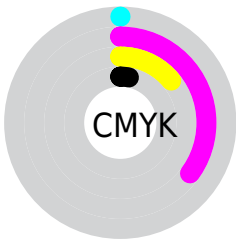
Distribution



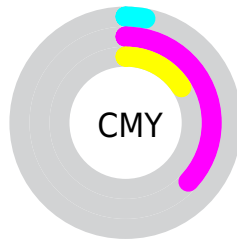
- Red (97%)
- Green (63%)
- Blue (84%)



- Red (97%)
- Yellow (63%)
- Blue (84%)



- Cyan (0%)
- Magenta (35%)
- Yellow (14%)
- Black (3%)





- Cyan (3%)
- Magenta (37%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 192.6420, 34.5640, 34.4040 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 192.6420, 34.5640, 34.4040 by changing the saturation by 10% instead.


 192.6420, 34.5640,
34.4040


 192.6420, 34.5640,
34.4040


255.0000, -0.0000,
-0.0000


 164.9300, 33.6930,
33.6690


 232.6940, 10.4500,
19.8740


 137.9190, 32.2260,
32.7220

 249.7170, 2.4750,
4.7070

 111.3210, 31.0340,
32.2980

 85.7230, 29.8420,
31.8740

 60.5380, 28.9250,
31.9730

 31.9450, 29.3370,
35.5210

 21.3750, 21.7740,

23.9020

■ 11.6910, 14.5320,
11.9720

■ 0.0000, 0.0000,
0.0000

■ 192.6420, 34.5640,
34.4040

■ 192.6420, 34.5640,
34.4040

■ 176.8270, 44.6490,
44.3690

■ 208.4570, 24.4790,
24.4390

■ 161.5990, 54.4590,
53.8110

■ 223.6850, 14.6690,
14.9970

■ 145.8980, 64.2230,
64.0870

■ 239.3860, 4.9050,
4.7210

■ 130.0830, 74.3080,
74.0520

■ 252.2660, -3.8050,
-2.6290

■ 114.2680, 84.3930,
84.0170

■ 252.6080, -4.7680,
-1.6960

■ 99.0400, 94.2030,
93.4590

■ 90.8390, 99.3830,
98.7030

Harmonies

Analogous

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



191.9830, -0.1890, 30.9710



192.6420, 34.5640, 34.4040



188.8270, 52.6760, 25.5400

Triad

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



192.6420, 34.5640, 34.4040



183.5000, 29.8060, -22.5620



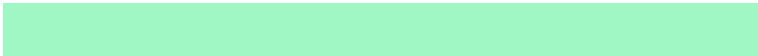
148.2390, -132.1310, -33.8190

Complementary

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



192.6420, 34.5640, 34.4040



215.3580, -34.5640, -34.4040

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.



159.6610, -92.5170, -35.8850



192.6420, 34.5640, 34.4040



178.7500, -3.4330, -31.4090

Square

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



192.6420, 34.5640, 34.4040



186.7900, 52.9570, -7.0990



171.6820, -44.2840, -34.4600



171.3090, -84.4530, -5.8050

Rectangle

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



192.6420, 34.5640, 34.4040



187.8520, 59.5550, 16.5070



171.6820, -44.2840, -34.4600



147.2730, -129.4710, -37.9750

Sweetspot

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



192.6420, 34.5640, 34.4040



239.1850, 10.0850, 9.9650



180.6710, -7.9380, 33.7420



117.8100, 6.6470, 6.1910



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.



192.6420, 34.5640, 34.4040



187.4030, 42.9070, 42.8990



187.8540, 48.0460, 21.3420



114.5000, 4.5840, 5.0320



68.4960, 74.5830, 74.5750



21.6310, 23.9290, 23.3930

Inverse Universe

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



192.6420, 34.5640, 34.4040



187.4030, 42.9070, 42.8990



220.1460, -48.0460, -21.3420



114.5000, 4.5840, 5.0320



68.4960, 74.5830, 74.5750



21.6310, 23.9290, 23.3930

Previews

White Background



This preview shows how the YIQ color 192.6420, 34.5640, 34.4040 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 192.6420, 34.5640, 34.4040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

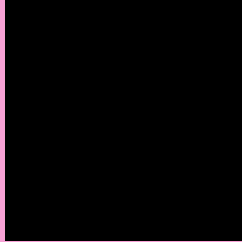
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 192.6420, 34.5640, 34.4040

Background



This preview shows how black text looks on a background with the YIQ color 192.6420, 34.5640, 34.4040.



This preview shows how white text looks on a background with the YIQ color 192.6420, 34.5640,

34.4040.

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

192.6420, 34.5640, 34.4040

Protanopia

188.6240, -18.8920, 11.9880

Deuteranopia

190.1500, -0.0020, 11.0540



Tritanopia

191.2060, 41.1230, 20.1550

Trichromacy



Original Color

192.6420, 34.5640, 34.4040



Protanomaly

190.1320, 0.4090, 20.1290



Deuteranomaly

190.9500, 12.6050, 19.3650



Tritanomaly

191.6990, 38.4170, 25.1450

Monochromacy



Original Color

192.6420, 34.5640, 34.4040



Achromatopsia

193.0000, -0.0000, -0.0000



Achromatomaly

192.7340, 12.9730, 12.6930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 192.6420, 34.5640, 34.4040 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, 213)` looks like.

```
.text, #text, p{  
    color:rgb(247, 161, 213)  
}
```

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, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 161, 213) }
```

Border

The CSS property to change the border of an element to YIQ 192.6420, 34.5640, 34.4040 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, 213) }
```


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

```
.border{ border-color:rgb(247, 161, 213) }
```

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, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 161, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 161, 213);  
box-shadow:4px 4px 4px 4px rgb(247, 161,  
213) }
```

Background

The CSS property to change the background color of an element to YIQ 192.6420, 34.5640, 34.4040 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, 213) }
```

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

```
.background{ background-color: rgb(247,  
161, 213) }
```

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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