

Converting Colors

YIQ(169.9540, 34.2860, 50.4620)

Have a look what the booklet for
YIQ(169.9540, 34.2860, 50.4620)
contains.

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Color

**YIQ(169.9540, 34.2860,
50.4620)**

Conversions

Conversions Part 1

Format	Color
Hex	EA80DA
RGB	234, 128, 218
RGB Percent	92%, 50%, 85%
CMY	0.0820, 0.4982, 0.1450
CMYK	0.00, 0.45, 0.07, 0.08
HSL	309°, 72%, 71%
HSV	309°, 45%, 92%
XYZ	54.3280, 37.9954, 70.8117
YIQ	169.9540, 34.2860, 50.4620

Conversions

Conversions Part 2

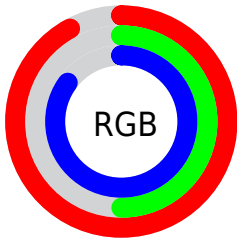
Format	Color
RYB	234, 128, 218
Decimal	15368410
CIELab	68.02, 52.81, -28.42
CIELCh	68, 59.972, 331.711
Yxy	37.9954, 0.3330, 0.2329
Android (android.graphics.Color)	4293558490 (0xFFEA80DA)
YUV	169.9540, 23.6867, 56.1683
Hunter-Lab	61.6404, 49.4539, -24.9634

Details

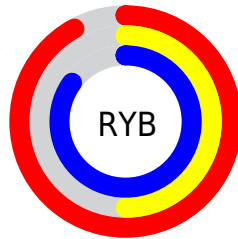
The YIQ color $169.9540, 34.2860, 50.4620$ is a light color, and the websafe version is hex $FF99FF$. A complement of this color would be $192.0460, -34.2860, -50.4620$, and the grayscale version is $170.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $212.7360, 19.8000, 37.6560$, and $114.6440, 32.2230, 49.3030$ is the 20% darker color. If you saturate the color by 10%, you get $155.9970, 41.8950, 61.2470$, and if you desaturate by 10%, it is $183.9110, 26.6770, 39.6770$.

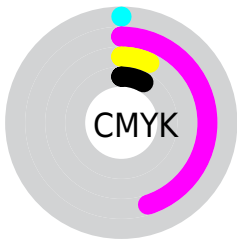
Distribution



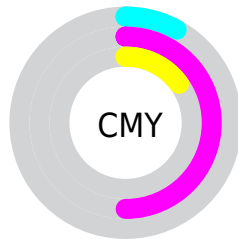
- Red (92%)
- Green (50%)
- Blue (85%)



- Red (92%)
- Yellow (50%)
- Blue (85%)



- Cyan (0%)
- Magenta (45%)
- Yellow (7%)
- Black (8%)





- Cyan (8%)
- Magenta (50%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 169.9540, 34.2860, 50.4620 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 169.9540, 34.2860, 50.4620 by changing the saturation by 10% instead.


 169.9540, 34.2860,
50.4620


 169.9540, 34.2860,
50.4620


255.0000, -0.0000,
-0.0000


 142.2420, 33.4150,
49.7270


 212.7360, 19.8000,
37.6560


 114.6440, 32.2230,
49.3030

 229.7590, 11.8250,
22.4890

 86.7580, 31.9020,
49.6140

 246.7820, 3.8500,
7.3220

 55.8770, 33.1850,
53.8970

 37.9100, 28.4180,
46.6740

 27.4000, 20.6260,
33.6980

 18.0150, 13.9800,

21.9800

■ 1.9380, -5.4570,
5.2870

■ 0.0000, 0.0000,
0.0000

■ 169.9540, 34.2860,
50.4620

■ 169.9540, 34.2860,
50.4620

■ 155.9970, 41.8950,
61.2470

■ 183.9110, 26.6770,
39.6770

■ 141.5670, 49.4580,
72.8660

■ 198.3410, 19.1140,
28.0580

■ 127.6100, 57.0670,
83.6510

■ 212.2980, 11.5050,
17.2730

■ 113.1800, 64.6300,
95.2700

■ 226.7280, 3.9420,
5.6540

■ 99.2230, 72.2390,
106.0550

■ 240.6850, -3.6670,
-5.1310

■ 92.6520, 75.5850,
111.4970

■ 246.8970, -7.3800,
-9.4280

■ 247.3530, -8.6640,
-8.1840

■ 247.6950, -9.6270,
-7.2510

■ 248.1510,
-10.9110, -6.0070

Harmonies

Analogous

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



168.2490, -21.1890, 37.1070



169.9540, 34.2860, 50.4620



163.1470, 67.1150, 44.7070

Triad

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



169.9540, 34.2860, 50.4620



159.2620, 53.6030, -29.8290



137.3110, -123.4660, -31.1620

Complementary

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



169.9540, 34.2860, 50.4620



192.0460, -34.2860, -50.4620

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.



131.7420, -106.4070, -48.4790



169.9540, 34.2860, 50.4620



153.6740, 10.9200, -43.7360

Square

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



169.9540, 34.2860, 50.4620



162.6590, 78.3110, -4.0330



139.5690, -54.8720, -51.8320



137.6650, -132.7300, -17.4500

Rectangle

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



169.9540, 34.2860, 50.4620



160.8040, 77.8460, 31.9420



139.5690, -54.8720, -51.8320



135.9600, -118.2840, -36.9720

Sweetspot

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



169.9540, 34.2860, 50.4620



233.2980, 11.5050, 17.2730



144.8680, -24.4900, 36.3580



114.6300, 7.3340, 10.2620



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.



169.9540, 34.2860, 50.4620



171.6000, 44.6910, 65.6430



163.9120, 51.2990, 33.9790



110.4290, 3.3460, 5.4420



71.6750, 58.4420, 86.2660



21.2760, 17.7390, 25.4430

Inverse Universe

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



169.9540, 34.2860, 50.4620



171.6000, 44.6910, 65.6430



198.0880, -51.2990, -33.9790



110.4290, 3.3460, 5.4420



71.6750, 58.4420, 86.2660



21.2760, 17.7390, 25.4430

Previews

White Background



This preview shows how the YIQ color 169.9540, 34.2860, 50.4620 looks on a white background.

Color Contrast Check

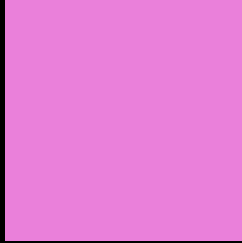
Large Text (above 18pt) WCAG AA × Fail

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 169.9540, 34.2860, 50.4620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

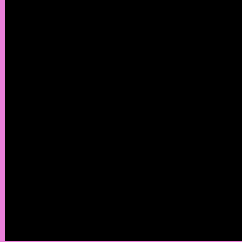
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 169.9540, 34.2860, 50.4620

Background



This preview shows how black text looks on a background with the YIQ color 169.9540, 34.2860, 50.4620.



This preview shows how white text looks on a background with the YIQ color 169.9540, 34.2860,

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

169.9540, 34.2860, 50.4620

Protanopia

165.2860, -40.9470, 20.7250

Deuteranopia

167.0910, -18.7090, 14.1790



Tritanopia

168.3700, 46.5330, 21.2290

Trichromacy



Original Color

169.9540, 34.2860, 50.4620



Protanomaly

166.9800, -13.3020, 31.8340



Deuteranomaly

168.0600, 0.9120, 27.5360



Tritanomaly

169.0680, 41.9920, 31.9440

Monochromacy



Original Color

169.9540, 34.2860, 50.4620



Achromatopsia

170.0000, -0.0000, 0.0000



Achromatomaly

170.0100, 12.3760, 18.0080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 169.9540, 34.2860, 50.4620 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(234, 128, 218)` looks like.

```
.text, #text, p{  
    color:rgb(234, 128, 218)  
}
```

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(234, 128, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 128, 218) }
```

Border

The CSS property to change the border of an element to YIQ 169.9540, 34.2860, 50.4620 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(234, 128, 218) }
```


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

```
.border{ border-color:rgb(234, 128, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 128, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(234, 128, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(234, 128, 218); box-shadow:4px 4px 4px 4px rgb(234, 128, 218) }
```

Background

The CSS property to change the background color of an element to YIQ 169.9540, 34.2860, 50.4620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 128, 218) }
```

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

```
.background{ background-color: rgb(234,  
128, 218) }
```

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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