

Converting Colors

YIQ(158.9540, 34.2860, 50.4620)

Have a look what the booklet for
YIQ(158.9540, 34.2860, 50.4620)
contains.

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Color

**YIQ(158.9540, 34.2860,
50.4620)**

Conversions

Conversions Part 1

Format	Color
Hex	DF75CF
RGB	223, 117, 207
RGB Percent	87%, 46%, 81%
CMY	0.1252, 0.5413, 0.1882
CMYK	0.00, 0.48, 0.07, 0.13
HSL	309°, 62%, 67%
HSV	309°, 48%, 87%
XYZ	48.0763, 32.9185, 62.8623
YIQ	158.9540, 34.2860, 50.4620

Conversions

Conversions Part 2

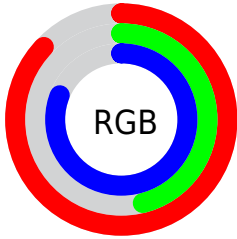
Format	Color
R _Y B	223, 117, 207
Decimal	14644687
CIE Lab	64.09, 53.15, -28.44
CIE LCh	64, 60.278, 331.847
Yxy	32.9185, 0.3342, 0.2288
Android (android.graphics.Color)	4292834767 (0xFFDF75CF)
YUV	158.9540, 23.6867, 56.1683
Hunter-Lab	57.3747, 49.1660, -24.7986

Details

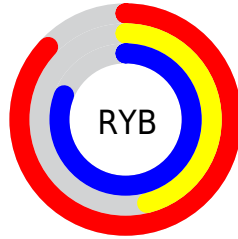
The YIQ color $158.9540, 34.2860, 50.4620$ is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be $181.0460, -34.2860, -50.4620$, and the grayscale version is $159.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $206.2790, 22.8250, 43.4090$, and $103.9430, 32.8190, 49.5150$ is the 20% darker color. If you saturate the color by 10%, you get $145.6980, 41.2990, 61.0350$, and if you desaturate by 10%, it is $172.2100, 27.2730, 39.8890$.

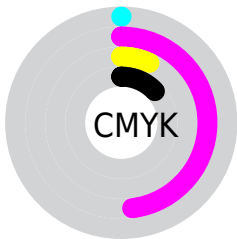
Distribution



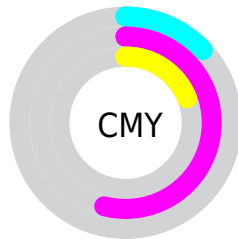
- Red (87%)
- Green (46%)
- Blue (81%)



- Red (87%)
- Yellow (46%)
- Blue (81%)



- Cyan (0%)
- Magenta (48%)
- Yellow (7%)
- Black (13%)





- Cyan (13%)
- Magenta (54%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 158.9540, 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 158.9540, 34.2860, 50.4620 by changing the saturation by 10% instead.


 158.9540, 34.2860,
50.4620


 158.9540, 34.2860,
50.4620


255.0000, -0.0000,
-0.0000

 131.2420, 33.4150,
49.7270


 206.2790, 22.8250,
43.4090


 103.9430, 32.8190,
49.5150


 222.7150, 15.1250,
28.7650

 75.5840, 32.4520,
50.6600

 239.7380, 7.1500,
13.5980

 44.7030, 33.7350,
54.9430

 33.8940, 25.3470,
41.7550

 23.7970, 17.8300,
29.3020

 13.5150, 9.3960,

16.9480

■ 0.2280, -0.6420,
0.6220

■ 0.0000, 0.0000,
0.0000

■ 158.9540, 34.2860,
50.4620

■ 158.9540, 34.2860,
50.4620

■ 145.6980, 41.2990,
61.0350

■ 172.2100, 27.2730,
39.8890

■ 131.7410, 48.9080,
71.8200

■ 186.1670, 19.6640,
29.1040

■ 118.4850, 55.9210,
82.3930

■ 199.4230, 12.6510,
18.5310

■ 105.2290, 62.9340,
92.9660

■ 212.7930, 5.3170,
8.2690

91.2720, 70.5430,
103.7510

226.6360, -1.9710,
-2.8270

88.2230, 72.2390,
106.0550

239.8920, -8.9840,
-13.4000

242.6960,
-11.3680, -14.2480

243.0380,
-12.3310, -13.3150

243.3800,
-13.2940, -12.3820

Harmonies

Analogous

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



158.4770, -21.8310, 37.7290



158.9540, 34.2860, 50.4620



154.2400, 71.2870, 46.1910

Triad

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



158.9540, 34.2860, 50.4620



148.3220, 53.3740, -31.1860



129.7140, -117.2310, -28.5190

Complementary

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



158.9540, 34.2860, 50.4620



181.0460, -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.



124.1450, -100.1720, -45.8360



158.9540, 34.2860, 50.4620



143.3750, 10.3240, -43.9480

Square

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



158.9540, 34.2860, 50.4620



152.0610, 77.1190, -4.4570



126.5900, -59.3650, -53.0050



130.6380, -128.1000, -13.2520

Rectangle

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



158.9540, 34.2860, 50.4620



152.4950, 83.2100, 33.8500



126.5900, -59.3650, -53.0050



128.3630, -112.0490, -34.3290

Sweetspot

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



158.9540, 34.2860, 50.4620



233.2980, 11.5050, 17.2730



133.8680, -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.



158.9540, 34.2860, 50.4620



167.3770, 46.9370, 68.9930



152.9120, 51.2990, 33.9790



105.4290, 3.3460, 5.4420



69.6100, 57.0670, 83.6510



19.0260, 15.4470, 22.9270

Inverse Universe

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



158.9540, 34.2860, 50.4620



167.3770, 46.9370, 68.9930



187.0880, -51.2990, -33.9790



105.4290, 3.3460, 5.4420



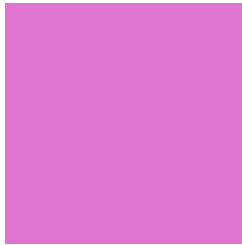
69.6100, 57.0670, 83.6510



19.0260, 15.4470, 22.9270

Previews

White Background



This preview shows how the YIQ color 158.9540, 34.2860, 50.4620 looks on a white background.

Color Contrast Check

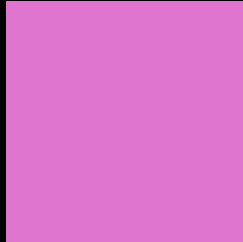
Large Text (above 18pt) WCAG AA × Fail

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 158.9540, 34.2860, 50.4620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

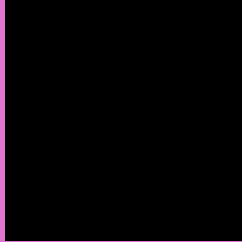
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 158.9540, 34.2860, 50.4620

Background



This preview shows how black text looks on a background with the YIQ color 158.9540, 34.2860, 50.4620.



This preview shows how white text looks on a background with the YIQ color 158.9540, 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

158.9540, 34.2860, 50.4620

Protanopia

154.5740, -41.8180, 19.9900

Deuteranopia

156.6780, -18.9840, 13.6560



Tritanopia

157.8430, 46.5790, 20.3950

Trichromacy



Original Color

158.9540, 34.2860, 50.4620



Protanomaly

156.2680, -14.1730, 31.0990



Deuteranomaly

157.6470, 0.6370, 27.0130



Tritanomaly

158.5410, 42.0380, 31.1100

Monochromacy



Original Color

158.9540, 34.2860, 50.4620



Achromatopsia

159.0000, -0.0000, 0.0000



Achromatomaly

159.0100, 12.3760, 18.0080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 158.9540, 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(223, 117, 207)` looks like.

```
.text, #text, p{  
    color:rgb(223, 117, 207)  
}
```

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(223, 117, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 117, 207) }
```

Border

The CSS property to change the border of an element to YIQ 158.9540, 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(223, 117, 207) }
```


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

```
.border{ border-color:rgb(223, 117, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 117, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 117, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 117, 207);  
box-shadow:4px 4px 4px 4px rgb(223, 117,  
207) }
```

Background

The CSS property to change the background color of an element to YIQ 158.9540, 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(223, 117, 207) }
```

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

```
.background{ background-color: rgb(223,  
117, 207) }
```

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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