

Converting Colors

YIQ(148.6540, 43.4580, 38.4180)

Have a look what the booklet for
YIQ(148.6540, 43.4580, 38.4180)
contains.

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Color

**YIQ(148.6540, 43.4580,
38.4180)**

Conversions

Conversions Part 1

Format	Color
Hex	D670A6
RGB	214, 112, 166
RGB Percent	84%, 44%, 65%
CMY	0.1605, 0.5609, 0.3489
CMYK	0.00, 0.48, 0.22, 0.16
HSL	328°, 56%, 64%
HSV	328°, 48%, 84%
XYZ	40.4276, 28.6401, 39.4897
YIQ	148.6540, 43.4580, 38.4180

Conversions

Conversions Part 2

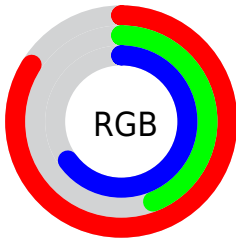
Format	Color
R _Y B	214, 112, 166
Decimal	14053542
CIE Lab	60.46, 46.44, -10.80
CIE LCh	60, 47.683, 346.914
Yxy	28.6401, 0.3724, 0.2638
Android (android.graphics.Color)	4292243622 (0xFFD670A6)
YUV	148.6540, 8.5516, 57.3084
Hunter-Lab	53.5164, 41.1895, -6.2886

Details

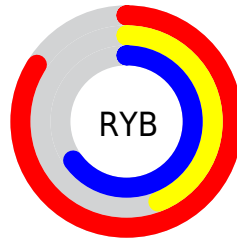
The YIQ color $148.6540, 43.4580, 38.4180$ is a light color, and the websafe version is hex $CC6699$. A complement of this color would be $177.3460, -43.4580, -38.4180$, and the grayscale version is $149.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $198.8810, 35.3890, 35.9730$, and $94.5720, 40.7530, 37.8810$ is the 20% darker color. If you saturate the color by 10%, you get $135.1870, 52.4430, 46.2910$, and if you desaturate by 10%, it is $162.1210, 34.4730, 30.5450$.

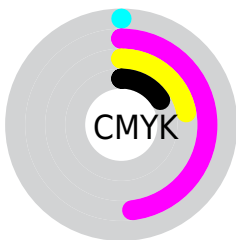
Distribution



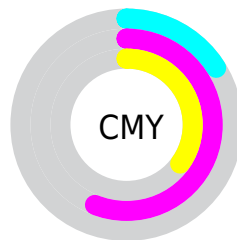
- Red (84%)
- Green (44%)
- Blue (65%)



- Red (84%)
- Yellow (44%)
- Blue (65%)



- Cyan (0%)
- Magenta (48%)
- Yellow (22%)
- Black (16%)



- Cyan (16%)
- Magenta (56%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 148.6540, 43.4580, 38.4180 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 148.6540, 43.4580, 38.4180 by changing the saturation by 10% instead.

■ 148.6540, 43.4580,
38.4180

■ 148.6540, 43.4580,
38.4180

255.0000, -0.0000,
-0.0000

■ 121.7570, 41.6700,
37.7820

■ 198.8810, 35.3890,
35.9730

■ 94.5720, 40.7530,
37.8810

■ 218.6230, 18.3800,
30.3480

■ 67.6150, 39.1940,
38.6020

■ 236.2160, 8.8000,
16.7360

■ 38.0220, 39.6060,
42.1500

■ 253.2390, 0.8250,
1.5690

■ 27.7400, 31.1720,
29.7960

■ 18.5830, 23.8840,
18.7000

■ 4.1860, 8.3440,

2.9680

■ 0.0000, 0.0000,
0.0000

■ 148.6540, 43.4580,
38.4180

■ 148.6540, 43.4580,
38.4180

■ 135.1870, 52.4430,
46.2910

■ 162.1210, 34.4730,
30.5450

■ 121.1330, 61.7030,
54.6870

■ 176.1750, 25.2130,
22.1490

■ 107.6660, 70.6880,
62.5600

■ 189.6420, 16.2280,
14.2760

■ 93.6120, 79.9480,
70.9560

■ 203.6960, 6.9680,
5.8800

■ 80.1450, 88.9330,
78.8290

■ 217.1630, -2.0170,
-1.9930

■ 76.8680, 91.2710,
80.5110

■ 230.6300,
-11.0020, -9.8660

■ 240.6890,
-18.6580, -14.2900

■ 241.8290,
-21.8680, -11.1800

■ 242.7410,
-24.4360, -8.6920

Harmonies

Analogous

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



150.1520, 6.8250, 36.0170



148.6540, 43.4580, 38.4180



145.9810, 64.0460, 28.7340

Triad

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



148.6540, 43.4580, 38.4180



139.5440, 26.5060, -28.8380



119.7520, -111.2260, -21.7060

Complementary

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



148.6540, 43.4580, 38.4180



177.3460, -43.4580, -38.4180

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.



117.2950, -100.1740, -34.7820



148.6540, 43.4580, 38.4180



133.9120, -12.8770, -36.4690

Square

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



148.6540, 43.4580, 38.4180



143.1010, 53.2790, -12.9370



111.6920, -85.7750, -47.9430



117.4500, -115.7670, -10.9910

Rectangle

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



148.6540, 43.4580, 38.4180



145.2180, 67.2120, 15.4040



111.6920, -85.7750, -47.9430



119.0850, -107.9700, -25.6500

Sweetspot

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



148.6540, 43.4580, 38.4180



231.9300, 15.3570, 13.5410



137.9800, -4.1340, 41.8980



113.8320, 9.5810, 8.0850



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.



148.6540, 43.4580, 38.4180



162.1330, 61.7030, 54.6870



142.8400, 59.8290, 22.5570



99.9730, 4.6300, 4.1980



61.3890, 73.0260, 64.2420



15.4790, 18.2450, 16.2690

Inverse Universe

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



148.6540, 43.4580, 38.4180



162.1330, 61.7030, 54.6870



183.1600, -59.8290, -22.5570



99.9730, 4.6300, 4.1980



61.3890, 73.0260, 64.2420



15.4790, 18.2450, 16.2690

Previews

White Background



This preview shows how the YIQ color 148.6540, 43.4580, 38.4180 looks on a white background.

Color Contrast Check

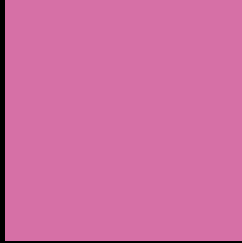
Large Text (above 18pt) WCAG AA ✓ Pass

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 148.6540, 43.4580, 38.4180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

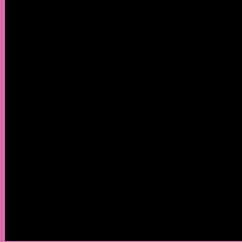
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 148.6540, 43.4580, 38.4180

Background



This preview shows how black text looks on a background with the YIQ color 148.6540, 43.4580, 38.4180.



This preview shows how white text looks on a background with the YIQ color 148.6540, 43.4580,

38.4180.

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

148.6540, 43.4580, 38.4180

Protanopia

146.9120, -19.7630, 11.2530

Deuteranopia

147.7540, 1.0530, 8.4530



Tritanopia

147.2350, 51.3470, 22.0910

Trichromacy



Original Color

148.6540, 43.4580, 38.4180

Protanomaly

147.6270, 3.3890, 21.1890

Deuteranomaly

148.1030, 16.5480, 19.4920

Tritanomaly

147.3690, 48.2740, 28.2260

Monochromacy



Original Color

148.6540, 43.4580, 38.4180

Achromatopsia

149.0000, 0.0000, -0.0000

Achromatomaly

149.2290, 15.9530, 13.7530

CSS Examples

Text

The CSS property to change the color of the text to YIQ 148.6540, 43.4580, 38.4180 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(214, 112, 166)` looks like.

```
.text, #text, p{  
    color:rgb(214, 112, 166)  
}
```

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(214, 112, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 112, 166) }
```

Border

The CSS property to change the border of an element to YIQ 148.6540, 43.4580, 38.4180 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(214, 112, 166) }
```


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

```
.border{ border-color:rgb(214, 112, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 112, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 112, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 112, 166);  
box-shadow:4px 4px 4px 4px rgb(214, 112,  
166) }
```

Background

The CSS property to change the background color of an element to YIQ 148.6540, 43.4580, 38.4180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 112, 166) }
```

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

```
.background{ background-color: rgb(214,  
112, 166) }
```

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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