

Converting Colors

YIQ(142.2540, 33.1410, 43.6770)

Have a look what the booklet for
YIQ(142.2540, 33.1410, 43.6770)
contains.

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Color

**YIQ(142.2540, 33.1410,
43.6770)**

Conversions

Conversions Part 1

Format	Color
Hex	C969B4
RGB	201, 105, 180
RGB Percent	79%, 41%, 71%
CMY	0.2115, 0.5884, 0.2940
CMYK	0.00, 0.48, 0.10, 0.21
HSL	313°, 47%, 60%
HSV	313°, 48%, 79%
XYZ	37.3939, 25.8183, 46.2026
YIQ	142.2540, 33.1410, 43.6770

Conversions

Conversions Part 2

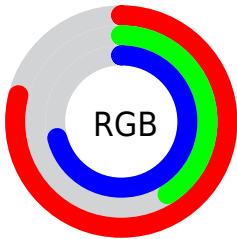
Format	Color
R _Y B	201, 105, 180
Decimal	13199796
CIE Lab	57.86, 47.99, -22.94
CIE LCh	58, 53.194, 334.454
Yxy	25.8183, 0.3418, 0.2360
Android (android.graphics.Color)	4291389876 (0xFFC969B4)
YUV	142.2540, 18.6088, 51.5202
Hunter-Lab	50.8117, 42.4432, -18.3437

Details

The YIQ color **142.2540, 33.1410, 43.6770** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **163.7460, -33.1410, -43.6770**, and the grayscale version is **142.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **196.4820, 32.4990, 44.2990**, and **88.3570, 31.3530, 43.0410** is the 20% darker color. If you saturate the color by 10%, you get **130.0580, 39.9250, 52.8930**, and if you desaturate by 10%, it is **154.4500, 26.3570, 34.4610**.

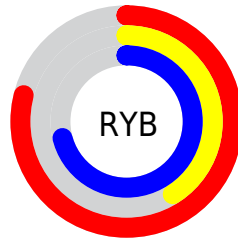
Distribution



Red (79%)

Green (41%)

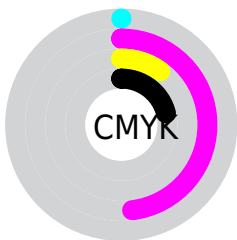
Blue (71%)



Red (79%)

Yellow (41%)

Blue (71%)

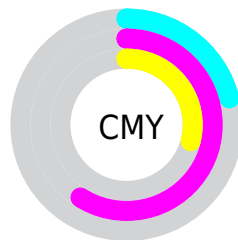


Cyan (0%)

Magenta (48%)

Yellow (10%)

Black (21%)



Cyan (21%)

Magenta (59%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 142.2540, 33.1410, 43.6770 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 142.2540, 33.1410, 43.6770 by changing the saturation by 10% instead.

142.2540, 33.1410,
43.6770

142.2540, 33.1410,
43.6770

255.0000, -0.0000,
-0.0000

115.5420, 32.2700,
42.9420

196.4820, 32.4990,
44.2990

88.3570, 31.3530,
43.0410

215.0840, 18.7000,
35.5640

60.4110, 31.2610,
44.7090

231.5200, 11.0000,
20.9200

36.1010, 29.1980,
43.5500

248.5430, 3.0250,
5.7530

25.5910, 21.4060,
30.5740

16.6190, 15.0350,
19.3790

0.5700, -1.6050,

1.5550

■ 0.0000, 0.0000,
0.0000

■ 142.2540, 33.1410,
43.6770

■ 142.2540, 33.1410,
43.6770

■ 130.0580, 39.9250,
52.8930

■ 154.4500, 26.3570,
34.4610

■ 117.7480, 47.0300,
61.7980

■ 166.7600, 19.2520,
25.5560

■ 105.5520, 53.8140,
71.0140

■ 178.9560, 12.4680,
16.3400

■ 93.2420, 60.9190,
79.9190

■ 191.2660, 5.3630,
7.4350

■ 80.4590, 67.9780,
89.6580

■ 204.0490, -1.6960,
-2.3040

■ 77.9970, 69.3990,
91.4390

■ 216.2450, -8.4800,
-11.5200

■ 228.5550,
-15.5850, -20.4250

■ 234.2940,
-19.3440, -23.8880

■ 234.8640,
-20.9490, -22.3330

Harmonies

Analogous

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



142.2620, -14.0360, 34.1240



142.2540, 33.1410, 43.6770



138.3050, 63.4940, 38.7420

Triad

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



142.2540, 33.1410, 43.6770



133.1670, 43.7450, -27.3830



115.5800, -104.9900, -24.5900

Complementary

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



142.2540, 33.1410, 43.6770



163.7460, -33.1410, -43.6770

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.



111.6240, -91.0950, -39.6310



142.2540, 33.1410, 43.6770



127.7260, 5.1420, -38.1380

Square

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



142.2540, 33.1410, 43.6770



136.2600, 66.2530, -5.7710



113.3610, -56.9820, -46.6300



115.7060, -113.6120, -11.5000

Rectangle

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



142.2540, 33.1410, 43.6770



137.1190, 72.3450, 27.0090



113.3610, -56.9820, -46.6300



114.5710, -100.7710, -29.4670

Sweetspot

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



142.2540, 33.1410, 43.6770



232.9560, 12.4680, 16.3400



122.2230, -18.3000, 34.3080



114.5160, 7.6550, 9.9510



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.



142.2540, 33.1410, 43.6770



166.2370, 50.1470, 65.8830



136.7820, 48.5490, 28.7490



93.4890, 3.1170, 4.0850



63.2150, 56.3810, 74.0530



13.9560, 12.4680, 16.3400

Inverse Universe

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



142.2540, 33.1410, 43.6770



166.2370, 50.1470, 65.8830



169.2180, -48.5490, -28.7490



93.4890, 3.1170, 4.0850



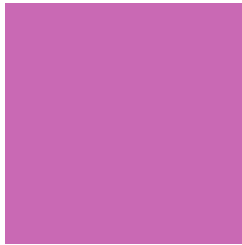
63.2150, 56.3810, 74.0530



13.9560, 12.4680, 16.3400

Previews

White Background



This preview shows how the YIQ color 142.2540, 33.1410, 43.6770 looks on a white background.

Color Contrast Check

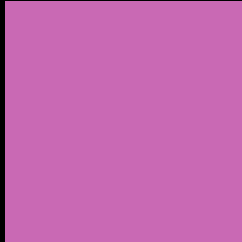
Large Text (above 18pt) WCAG AA ✓ Pass

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 142.2540, 33.1410, 43.6770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

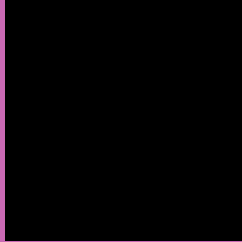
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 142.2540, 33.1410, 43.6770

Background



This preview shows how black text looks on a background with the YIQ color 142.2540, 33.1410, 43.6770.



This preview shows how white text looks on a background with the YIQ color 142.2540, 33.1410,

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

142.2540, 33.1410, 43.6770

Protanopia

138.7720, -33.7480, 16.9080

Deuteranopia

140.7340, -13.3900, 11.3940



Tritanopia

141.3480, 43.5990, 19.3350

Trichromacy



Original Color

142.2540, 33.1410, 43.6770



Protanomaly

139.9710, -9.0830, 26.9570



Deuteranomaly

141.0940, 3.5720, 23.3800



Tritanomaly

141.8780, 39.4710, 28.0710

Monochromacy



Original Color

142.2540, 33.1410, 43.6770



Achromatopsia

142.0000, -0.0000, -0.0000



Achromatomaly

142.2440, 11.5970, 15.6050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 142.2540, 33.1410, 43.6770 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(201, 105, 180)` looks like.

```
.text, #text, p{  
    color:rgb(201, 105, 180)  
}
```

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(201, 105, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 105, 180) }
```

Border

The CSS property to change the border of an element to YIQ 142.2540, 33.1410, 43.6770 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(201, 105, 180) }
```


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

```
.border{ border-color:rgb(201, 105, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 105, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 105, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 105, 180);  
box-shadow:4px 4px 4px 4px rgb(201, 105,  
180) }
```

Background

The CSS property to change the background color of an element to YIQ 142.2540, 33.1410, 43.6770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 105, 180) }
```

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

```
.background{ background-color: rgb(201,  
105, 180) }
```

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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