

Converting Colors

YIQ(143.2000, 33.2330, 42.0090)

Have a look what the booklet for
YIQ(143.2000, 33.2330, 42.0090)
contains.

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Color

**YIQ(143.2000, 33.2330,
42.0090)**

Conversions

Conversions Part 1

Format	Color
Hex	C96BB2
RGB	201, 107, 178
RGB Percent	79%, 42%, 70%
CMY	0.2115, 0.5805, 0.3019
CMYK	0.00, 0.47, 0.11, 0.21
HSL	315°, 47%, 60%
HSV	315°, 47%, 79%
XYZ	37.3972, 26.1493, 45.2061
YIQ	143.2000, 33.2330, 42.0090

Conversions

Conversions Part 2

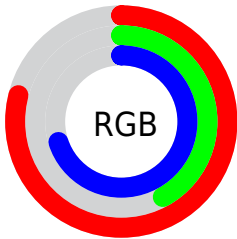
Format	Color
RYB	201, 107, 178
Decimal	13200306
CIELab	58.18, 46.65, -21.31
CIELCh	58, 51.286, 335.450
Yxy	26.1493, 0.3439, 0.2404
Android (android.graphics.Color)	4291390386 (0xFFC96BB2)
YUV	143.2000, 17.1564, 50.6906
Hunter-Lab	51.1364, 41.0524, -16.6186

Details

The YIQ color **143.2000, 33.2330, 42.0090** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **164.8000, -33.2330, -42.0090**, and the grayscale version is **143.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **197.4280, 32.5910, 42.6310**, and **89.8900, 31.1700, 40.8500** is the 20% darker color. If you saturate the color by 10%, you get **130.8900, 40.3380, 50.9140**, and if you desaturate by 10%, it is **155.5100, 26.1280, 33.1040**.

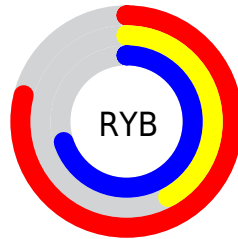
Distribution



Red (79%)

Green (42%)

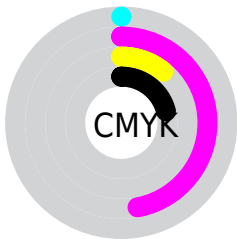
Blue (70%)



Red (79%)

Yellow (42%)

Blue (70%)

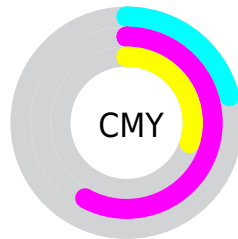


Cyan (0%)

Magenta (47%)

Yellow (11%)

Black (21%)



Cyan (21%)

Magenta (58%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 143.2000, 33.2330, 42.0090 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 143.2000, 33.2330, 42.0090 by changing the saturation by 10% instead.

143.2000, 33.2330,
42.0090

143.2000, 33.2330,
42.0090

255.0000, -0.0000,
-0.0000

116.4880, 32.3620,
41.2740

197.4280, 32.5910,
42.6310

89.8900, 31.1700,
40.8500

216.2580, 18.1500,
34.5180

62.5310, 30.8030,
41.9950

232.6940, 10.4500,
19.8740

35.8730, 29.8400,
42.9280

249.7170, 2.4750,
4.7070

25.7760, 22.3230,
30.4750

16.5050, 15.3560,
19.0680

0.2280, -0.6420,

0.6220

■ 0.0000, 0.0000,
0.0000

■ 143.2000, 33.2330,
42.0090

■ 143.2000, 33.2330,
42.0090

■ 130.8900, 40.3380,
50.9140

■ 155.5100, 26.1280,
33.1040

■ 118.5800, 47.4430,
59.8190

■ 167.8200, 19.0230,
24.1990

■ 106.2700, 54.5480,
68.7240

■ 180.1300, 11.9180,
15.2940

■ 93.9600, 61.6530,
77.6290

■ 192.4400, 4.8130,
6.3890

■ 81.0630, 69.0330,
87.0570

■ 205.3370, -2.5670,
-3.0390

■ 77.4270, 71.0040,
89.8840

■ 217.6470, -9.6720,
-11.9440

■ 229.8430,
-16.4560, -21.1600

■ 234.5220,
-19.9860, -23.2660

■ 235.0920,
-21.5910, -21.7110

Harmonies

Analogous

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



143.4040, -11.5600, 33.3040



143.2000, 33.2330, 42.0090



139.6530, 62.3940, 36.6500

Triad

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



143.2000, 33.2330, 42.0090



134.1390, 40.9480, -26.2520



116.2810, -105.5860, -24.8020

Complementary

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



143.2000, 33.2330, 42.0090



164.8000, -33.2330, -42.0090

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.



111.8520, -91.7370, -39.0090



143.2000, 33.2330, 42.0090



129.1820, 3.8580, -36.8940

Square

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



143.2000, 33.2330, 42.0090



137.2920, 63.2270, -5.9970



115.6110, -54.6900, -44.1140



115.5920, -113.2910, -11.8110

Rectangle

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



143.2000, 33.2330, 42.0090



138.3960, 70.0070, 25.3270



115.6110, -54.6900, -44.1140



115.2720, -101.3670, -29.6790

Sweetspot

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



143.2000, 33.2330, 42.0090



232.8420, 12.7890, 16.0290



124.2940, -17.0620, 33.8980



114.4020, 7.9760, 9.6400



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.



143.2000, 33.2330, 42.0090



167.0690, 50.5600, 63.9040



137.9560, 47.9990, 27.7030



93.4890, 3.1170, 4.0850



62.7590, 57.6650, 72.8090



13.8420, 12.7890, 16.0290

Inverse Universe

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



143.2000, 33.2330, 42.0090



167.0690, 50.5600, 63.9040



170.0440, -47.9990, -27.7030



93.4890, 3.1170, 4.0850



62.7590, 57.6650, 72.8090



13.8420, 12.7890, 16.0290

Previews

White Background



This preview shows how the YIQ color 143.2000, 33.2330, 42.0090 looks on a white background.

Color Contrast Check

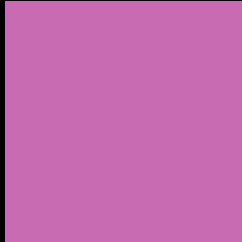
Large Text (above 18pt) WCAG AA ✓ Pass

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 143.2000, 33.2330, 42.0090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

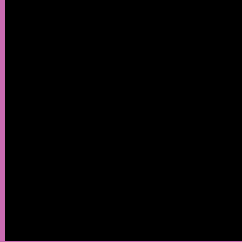
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 143.2000, 33.2330, 42.0090

Background



This preview shows how black text looks on a background with the YIQ color 143.2000, 33.2330, 42.0090.



This preview shows how white text looks on a background with the YIQ color 143.2000, 33.2330,

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

143.2000, 33.2330, 42.0090

Protanopia

139.9140, -31.2720, 16.0880

Deuteranopia

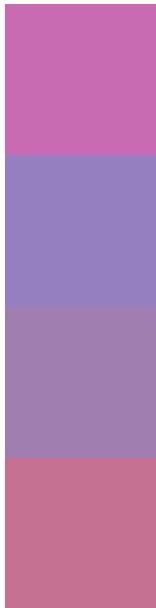
141.1040, -11.5560, 11.1960



Tritanopia

142.0490, 43.0030, 19.1230

Trichromacy



Original Color

143.2000, 33.2330, 42.0090

Protanomaly

141.1020, -8.0740, 25.1900

Deuteranomaly

141.7520, 4.5350, 22.4470

Tritanomaly

142.4650, 39.1960, 27.5480

Monochromacy



Original Color

143.2000, 33.2330, 42.0090

Achromatopsia

143.0000, -0.0000, 0.0000

Achromatomaly

143.1300, 11.9180, 15.2940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 143.2000, 33.2330, 42.0090 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, 107, 178)` looks like.

```
.text, #text, p{  
    color:rgb(201, 107, 178)  
}
```

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, 107, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 107, 178) }
```

Border

The CSS property to change the border of an element to YIQ 143.2000, 33.2330, 42.0090 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, 107, 178) }
```


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

```
.border{ border-color:rgb(201, 107, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 107, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 107, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 107, 178);  
box-shadow:4px 4px 4px 4px rgb(201, 107,  
178) }
```

Background

The CSS property to change the background color of an element to YIQ 143.2000, 33.2330, 42.0090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 107, 178) }
```

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

```
.background{ background-color: rgb(201,  
107, 178) }
```

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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