

Converting Colors

YIQ(142.9420, 33.4190, 27.6190)

Have a look what the booklet for
YIQ(142.9420, 33.4190, 27.6190)
contains.

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Color

**YIQ(142.9420, 33.4190,
27.6190)**

Conversions

Conversions Part 1

Format	Color
Hex	C07499
RGB	192, 116, 153
RGB Percent	75%, 45%, 60%
CMY	0.2469, 0.5452, 0.3999
CMYK	0.00, 0.40, 0.20, 0.25
HSL	331°, 38%, 60%
HSV	331°, 40%, 75%
XYZ	33.7451, 25.9975, 33.3879
YIQ	142.9420, 33.4190, 27.6190

Conversions

Conversions Part 2

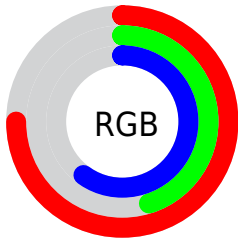
Format	Color
R_{YB}	192, 116, 153
Decimal	12612761
CIE Lab	58.03, 34.93, -7.22
CIE LCh	58, 35.670, 348.320
Yxy	25.9975, 0.3623, 0.2792
Android (android.graphics.Color)	4290802841 (0xFFC07499)
YUV	142.9420, 4.9586, 43.0239
Hunter-Lab	50.9877, 28.9077, -3.1330

Details

The YIQ color **142.9420, 33.4190, 27.6190** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **165.0580, -33.4190, -27.6190**, and the grayscale version is **143.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **197.5510, 36.0780, 28.9900**, and **91.3330, 30.7600, 26.2480** is the 20% darker color. If you saturate the color by 10%, you get **130.6490, 41.8540, 34.4460**, and if you desaturate by 10%, it is **155.2350, 24.9840, 20.7920**.

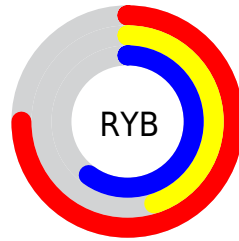
Distribution



Red (75%)

Green (45%)

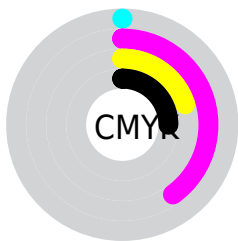
Blue (60%)



Red (75%)

Yellow (45%)

Blue (60%)

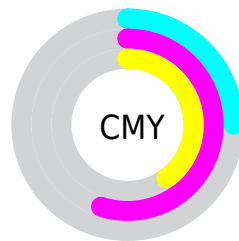


Cyan (0%)

Magenta (40%)

Yellow (20%)

Black (25%)



Cyan (25%)


Magenta (55%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 142.9420, 33.4190, 27.6190 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 142.9420, 33.4190, 27.6190 by changing the saturation by 10% instead.


 142.9420, 33.4190,
27.6190


 142.9420, 33.4190,
27.6190


255.0000, -0.0000,
-0.0000

 116.3440, 32.2270,
27.1950


 197.5510, 36.0780,
28.9900

 91.3330, 30.7600,
26.2480


 218.7880, 22.0490,
24.4250


 65.8490, 29.2470,
26.1350

 237.3900, 8.2500,
15.6900

 40.1910, 28.2840,
27.0680

254.4130, 0.2750,
0.5230

 21.5170, 24.2500,
23.0820

 12.6160, 19.1170,
11.4770

 0.0000, 0.0000,

0.0000

■ 142.9420, 33.4190,
27.6190

■ 142.9420, 33.4190,
27.6190

■ 130.6490, 41.8540,
34.4460

■ 155.2350, 24.9840,
20.7920

■ 118.3560, 50.2890,
41.2730

■ 167.5280, 16.5490,
13.9650

■ 105.4760, 58.9990,
48.6230

■ 180.4080, 7.8390,
6.6150

■ 93.2970, 67.1130,
55.7610

■ 192.5870, -0.2750,
-0.5230

■ 81.0040, 75.5480,
62.5880

■ 204.8800, -8.7100,
-7.3500

■ 68.7110, 83.9830,
69.4150

■ 217.1730,
-17.1450, -14.1770

■ 68.1240, 84.2580,
69.9380

■ 229.4660,
-25.5800, -21.0040

■ 233.5410,
-30.1650, -20.5090

■ 234.6810,
-33.3750, -17.3990

Harmonies

Analogous

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



143.0560, 6.7350, 26.6310



142.9420, 33.4190, 27.6190



141.0990, 48.7340, 19.8860

Triad

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



142.9420, 33.4190, 27.6190



135.3940, 18.4810, -21.0630



110.9010, -101.4600, -22.4840

Complementary

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



142.9420, 33.4190, 27.6190



165.0580, -33.4190, -27.6190

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.



109.5840, -93.6180, -32.4500



142.9420, 33.4190, 27.6190



131.0900, -10.0820, -26.5460

Square

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



142.9420, 33.4190, 27.6190



137.7930, 39.7070, -9.2610



123.5880, -46.7150, -28.9470



128.5350, -64.4180, 0.0460

Rectangle

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



142.9420, 33.4190, 27.6190



140.6720, 51.0740, 10.5140



123.5880, -46.7150, -28.9470



110.5760, -99.1670, -25.4950

Sweetspot

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



142.9420, 33.4190, 27.6190



230.6800, 13.0650, 11.0250



136.0260, -1.7480, 31.6920



113.4080, 7.8390, 6.6150



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



142.9420, 33.4190, 27.6190



172.4920, 52.9020, 43.4780



138.7240, 45.2960, 16.1120



90.5600, 4.3550, 3.6750



57.0310, 70.9180, 58.3900



11.6910, 14.5320, 11.9720

Inverse Universe

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



142.9420, 33.4190, 27.6190



172.4920, 52.9020, 43.4780



169.2760, -45.2960, -16.1120



90.5600, 4.3550, 3.6750



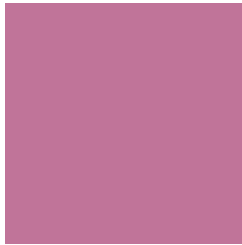
57.0310, 70.9180, 58.3900



11.6910, 14.5320, 11.9720

Previews

White Background



This preview shows how the YIQ color 142.9420, 33.4190, 27.6190 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 142.9420, 33.4190, 27.6190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

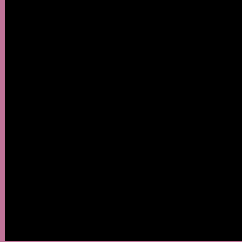
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 142.9420, 33.4190, 27.6190

Background



This preview shows how black text looks on a background with the YIQ color 142.9420, 33.4190, 27.6190.



This preview shows how white text looks on a background with the YIQ color 142.9420, 33.4190,

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

142.9420, 33.4190, 27.6190

Protanopia

140.8110, -12.2890, 7.9590

Deuteranopia

141.4830, 3.2540, 7.1100



Tritanopia

141.9560, 38.8310, 17.6390

Trichromacy



Original Color

142.9420, 33.4190, 27.6190

Protanomaly

141.8240, 4.0320, 15.0400

Deuteranomaly

142.2720, 14.3940, 14.4740

Tritanomaly

142.6940, 36.8130, 21.1730

Monochromacy



Original Color

142.9420, 33.4190, 27.6190

Achromatopsia

143.0000, -0.0000, 0.0000

Achromatomaly

142.9680, 12.1940, 10.2900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 142.9420, 33.4190, 27.6190 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(192, 116, 153)` looks like.

```
.text, #text, p{  
    color:rgb(192, 116, 153)  
}
```

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(192, 116, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 116, 153) }
```

Border

The CSS property to change the border of an element to YIQ 142.9420, 33.4190, 27.6190 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(192, 116, 153) }
```


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

```
.border{ border-color:rgb(192, 116, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 116, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 116, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 116, 153);  
box-shadow:4px 4px 4px 4px rgb(192, 116,  
153) }
```

Background

The CSS property to change the background color of an element to YIQ 142.9420, 33.4190, 27.6190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 116, 153) }
```

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

```
.background{ background-color: rgb(192,  
116, 153) }
```

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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