

Converting Colors

YIQ(128.1740, 45.2900, 49.2740)

Have a look what the booklet for
YIQ(128.1740, 45.2900, 49.2740)
contains.

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Color

**YIQ(128.1740, 45.2900,
49.2740)**

Conversions

Conversions Part 1

Format	Color
Hex	CA54A2
RGB	202, 84, 162
RGB Percent	79%, 33%, 64%
CMY	0.2075, 0.6708, 0.3646
CMYK	0.00, 0.58, 0.20, 0.21
HSL	320°, 53%, 56%
HSV	320°, 58%, 79%
XYZ	34.0706, 21.5110, 36.5529
YIQ	128.1740, 45.2900, 49.2740

Conversions

Conversions Part 2

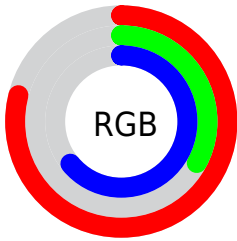
Format	Color
R _Y B	202, 84, 162
Decimal	13259938
CIE Lab	53.50, 55.59, -19.17
CIE LCh	54, 58.805, 340.979
Yxy	21.5110, 0.3698, 0.2335
Android (android.graphics.Color)	4291450018 (0xFFCA54A2)
YUV	128.1740, 16.6762, 64.7454
Hunter-Lab	46.3799, 49.9610, -14.2616

Details

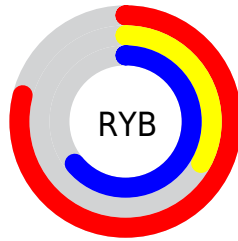
The YIQ color **128.1740, 45.2900, 49.2740** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **157.8260, -45.2900, -49.2740**, and the grayscale version is **128.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **182.5760, 44.0980, 48.8500**, and **69.9830, 44.5100, 52.3980** is the 20% darker color. If you saturate the color by 10%, you get **115.6360, 53.0370, 57.5570**, and if you desaturate by 10%, it is **140.7120, 37.5430, 40.9910**.

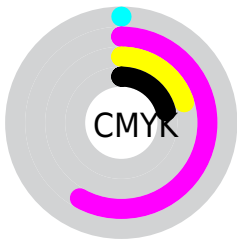
Distribution



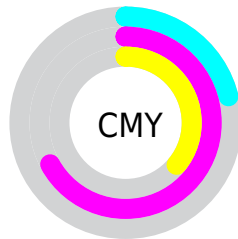
- Red (79%)
- Green (33%)
- Blue (64%)



- Red (79%)
- Yellow (33%)
- Blue (64%)



- Cyan (0%)
- Magenta (58%)
- Yellow (20%)
- Black (21%)



- Cyan (21%)
- Magenta (67%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 128.1740, 45.2900, 49.2740 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 128.1740, 45.2900, 49.2740 by changing the saturation by 10% instead.

128.1740, 45.2900,
49.2740

128.1740, 45.2900,
49.2740

255.0000, -0.0000,
-0.0000

100.1030, 44.0520,
49.6840

182.5760, 44.0980,
48.8500

69.9830, 44.5100,
52.3980

202.3180, 27.0890,
43.2250

44.7870, 42.1260,
51.5500

219.7800, 16.5000,
31.3800

33.9780, 33.7380,
38.3620

236.8030, 8.5250,
16.2130

23.6960, 25.3040,
26.0080

254.4130, 0.2750,
0.5230

13.4140, 16.8700,
13.6540

0.0000, 0.0000,

0.0000

■ 128.1740, 45.2900,
49.2740

■ 128.1740, 45.2900,
49.2740

■ 115.6360, 53.0370,
57.5570

■ 140.7120, 37.5430,
40.9910

■ 103.0980, 60.7840,
65.8400

■ 153.2500, 29.7960,
32.7080

■ 89.9730, 68.8060,
74.6460

■ 166.3750, 21.7740,
23.9020

■ 77.5490, 76.2320,
83.2400

■ 178.7990, 14.3480,
15.3080

■ 75.6740, 77.3780,
84.4980

■ 191.3370, 6.6010,
7.0250

■ 203.8750, -1.1460,
-1.2580

■ 216.4130, -8.8930,
-9.5410

■ 229.5380,
-16.9150, -18.3470

■ 235.6190,
-21.6370, -20.8770

Harmonies

Analogous

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



131.6380, -3.1710, 40.9650



128.1740, 45.2900, 49.2740



123.3340, 73.7180, 40.6780

Triad

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



128.1740, 45.2900, 49.2740



117.4900, 43.7930, -39.2710



110.0520, -103.2030, -18.4270

Complementary

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



128.1740, 45.2900, 49.2740



157.8260, -45.2900, -49.2740

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.



105.8680, -88.6660, -34.0900



128.1740, 45.2900, 49.2740



112.5780, -6.3650, -44.3570

Square

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



128.1740, 45.2900, 49.2740



122.3600, 68.5470, -14.3090



98.0650, -70.8280, -49.0040



108.8900, -110.9540, -4.6020

Rectangle

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



128.1740, 45.2900, 49.2740



123.1860, 79.4060, 25.6940



98.0650, -70.8280, -49.0040



109.0430, -98.9840, -23.3040

Sweetspot

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



128.1740, 45.2900, 49.2740



226.1740, 17.7860, 19.0820



109.1130, -14.6340, 44.9660



109.8370, 11.1850, 12.0570



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.



128.1740, 45.2900, 49.2740



143.5600, 68.5310, 74.1230



121.5620, 63.9080, 31.2360



95.7880, 3.7130, 4.2970



62.1740, 63.6260, 69.4020



14.2120, 14.6230, 15.8310

Inverse Universe

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



128.1740, 45.2900, 49.2740



143.5600, 68.5310, 74.1230



164.4380, -63.9080, -31.2360



95.7880, 3.7130, 4.2970



62.1740, 63.6260, 69.4020



14.2120, 14.6230, 15.8310

Previews

White Background



This preview shows how the YIQ color 128.1740, 45.2900, 49.2740 looks on a white background.

Color Contrast Check

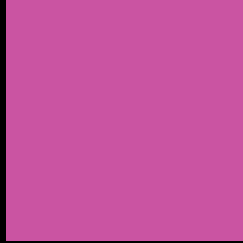
Large Text (above 18pt) WCAG AA ✓ Pass

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 128.1740, 45.2900, 49.2740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

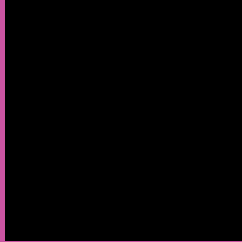
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 128.1740, 45.2900, 49.2740

Background



This preview shows how black text looks on a background with the YIQ color 128.1740, 45.2900, 49.2740.



This preview shows how white text looks on a background with the YIQ color 128.1740, 45.2900,

49.2740.

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

128.1740, 45.2900, 49.2740

Protanopia

127.4730, -34.3440, 16.6960

Deuteranopia

129.6050, -8.7130, 9.2310



Tritanopia

128.2850, 57.0780, 22.8540

Trichromacy



Original Color

128.1740, 45.2900, 49.2740



Protanomaly

127.7650, -5.5070, 28.2290



Deuteranomaly

129.2150, 10.5410, 23.7330



Tritanomaly

128.3420, 52.9040, 32.4240

Monochromacy



Original Color

128.1740, 45.2900, 49.2740



Achromatopsia

128.0000, -0.0000, -0.0000



Achromatomaly

128.0490, 16.6400, 17.8240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 128.1740, 45.2900, 49.2740 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(202, 84, 162)` looks like.

```
.text, #text, p{  
    color:rgb(202, 84, 162)  
}
```

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(202, 84, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 84, 162) }
```

Border

The CSS property to change the border of an element to YIQ 128.1740, 45.2900, 49.2740 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(202, 84, 162) }
```


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

```
.border{ border-color:rgb(202, 84, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 84, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 84, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 84, 162);  
box-shadow:4px 4px 4px 4px rgb(202, 84,  
162) }
```

Background

The CSS property to change the background color of an element to YIQ 128.1740, 45.2900, 49.2740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 84, 162) }
```

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

```
.background{ background-color: rgb(202, 84,  
162) }
```

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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