

# Converting Colors

YIQ(129.2910, 58.0820, 48.7220)

Have a look what the booklet for  
YIQ(129.2910, 58.0820, 48.7220)  
contains.

<b>YIQ(129.2910, 58.0820, 48.7220)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YIQ(129.2910, 58.0820,  
48.7220)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D75294
RGB	215, 82, 148
RGB Percent	84%, 32%, 58%
CMY	0.1565, 0.6786, 0.4194
CMYK	0.00, 0.62, 0.31, 0.16
HSL	330°, 63%, 58%
HSV	330°, 62%, 84%
XYZ	36.4131, 22.6266, 30.4842
YIQ	129.2910, 58.0820, 48.7220

# Conversions

## Conversions Part 2

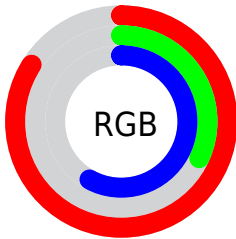
Format	Color
R <sub>Y</sub> B	215, 82, 148
Decimal	14111380
CIE Lab	54.69, 58.46, -8.97
CIE LCh	55, 59.146, 351.280
Yxy	22.6266, 0.4067, 0.2527
Android (android.graphics.Color)	4292301460 (0xFFD75294)
YUV	129.2910, 9.2235, 75.1668
Hunter-Lab	47.5675, 53.3996, -4.6995

# Details

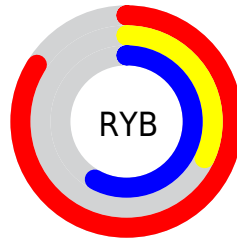
The YIQ color **129.2910, 58.0820, 48.7220** is a light color, and the websafe version is hex **CC6699**. The color can be described as light muted rose. A complement of this color would be **167.7090, -58.0820, -48.7220**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.2790, 49.1880, 44.7080**, and **67.0940, 57.4390, 54.8710** is the 20% darker color. If you saturate the color by 10%, you get **115.1230, 67.6630, 56.8070**, and if you desaturate by 10%, it is **142.8720, 48.7760, 41.1600**.

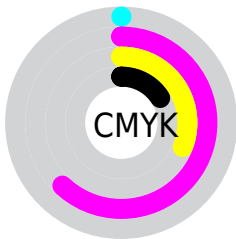
# Distribution



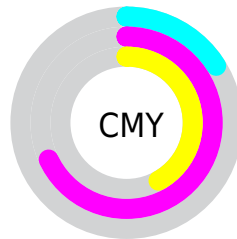
- Red (84%)
- Green (32%)
- Blue (58%)



- Red (84%)
- Yellow (32%)
- Blue (58%)



- Cyan (0%)
- Magenta (62%)
- Yellow (31%)
- Black (16%)



- Cyan (16%)
- Magenta (68%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 129.2910, 58.0820, 48.7220 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 129.2910, 58.0820, 48.7220 by changing the saturation by 10% instead.



■ 129.2910, 58.0820,  
48.7220

■ 129.2910, 58.0820,  
48.7220

255.0000, -0.0000,  
-0.0000

■ 100.6330, 57.1190,  
49.6550

■ 180.2790, 49.1880,  
44.7080

■ 67.0940, 57.4390,  
54.8710

■ 199.9070, 32.5000,  
38.7720

■ 46.7080, 52.5340,  
50.1500

■ 219.7800, 16.5000,  
31.3800

■ 35.7140, 43.2290,  
37.0610

■ 236.8030, 8.5250,  
16.2130

■ 24.9480, 33.2820,  
24.5940

253.8260, 0.5500,  
1.0460

■ 14.2810, 27.3700,  
10.5860

■ 0.0000, 0.0000,

0.0000

■ 129.2910, 58.0820,  
48.7220

■ 129.2910, 58.0820,  
48.7220

■ 115.1230, 67.6630,  
56.8070

■ 142.8720, 48.7760,  
41.1600

■ 101.5420, 76.9690,  
64.3690

■ 157.0400, 39.1950,  
33.0750

■ 87.4880, 86.2290,  
72.7650

■ 170.6210, 29.8890,  
25.5130

■ 76.4830, 93.7930,  
78.8570

■ 184.6750, 20.6290,  
17.1170

■ 198.2560, 11.3230,  
9.5550

■ 212.4240, 1.7420,  
1.4700

■ 226.5920, -7.8390,  
-6.6150

■ 240.1730,  
-17.1450, -14.1770

■ 242.0140,  
-20.9510, -11.2790

# Harmonies

## Analogous

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



134.8530, 15.3970, 45.8690



129.2910, 58.0820, 48.7220



126.1570, 78.3500, 33.8220

# Triad

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



129.2910, 58.0820, 48.7220



119.8240, 28.1130, -41.4470



112.5770, -108.9350, -13.6630

# Complementary

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



129.2910, 58.0820, 48.7220



167.7090, -58.0820, -48.7220

# 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.



110.0230, -96.2320, -29.1280



129.2910, 58.0820, 48.7220



110.7910, -29.0140, -46.8860

# Square

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



129.2910, 58.0820, 48.7220



124.1000, 63.0470, -24.7690



103.3940, -78.9440, -45.0880



109.2150, -113.2470, -1.5910



# Rectangle

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



129.2910, 58.0820, 48.7220



126.9760, 79.6370, 15.9970



103.3940, -78.9440, -45.0880



112.2690, -105.3120, -18.7520

# Sweetspot

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



129.2910, 58.0820, 48.7220



224.0880, 20.9040, 17.6400



117.1950, -2.7610, 55.5670



108.6800, 13.0650, 11.0250



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.



129.2910, 58.0820, 48.7220



133.2270, 82.4700, 69.3020



121.7670, 79.2680, 28.1960



99.9730, 4.6300, 4.1980



60.8190, 74.6310, 62.6870



15.3650, 18.5660, 15.9580



# Inverse Universe

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



129.2910, 58.0820, 48.7220



133.2270, 82.4700, 69.3020



175.2330, -79.2680, -28.1960



99.9730, 4.6300, 4.1980



60.8190, 74.6310, 62.6870



15.3650, 18.5660, 15.9580



# Previews

## White Background



This preview shows how the YIQ color 129.2910, 58.0820, 48.7220 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 129.2910, 58.0820, 48.7220 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 129.2910, 58.0820, 48.7220

## Background



This preview shows how black text looks on a background with the YIQ color 129.2910, 58.0820, 48.7220.



This preview shows how white text looks on a background with the YIQ color 129.2910, 58.0820,



# 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

129.2910, 58.0820, 48.7220

### Protanopia

131.5140, -24.3940, 12.5820

### Deuteranopia

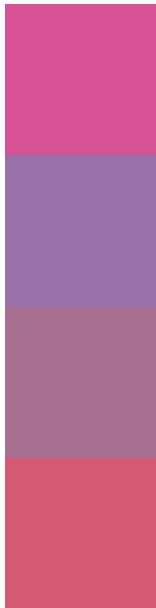
133.0700, 2.9790, 6.5870



## Tritanopia

128.9660, 68.4020, 26.8820

# Trichromacy



## Original Color

129.2910, 58.0820, 48.7220

## Protanomaly

130.9310, 5.5890, 25.3730

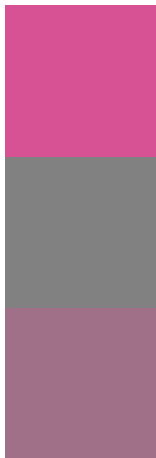
## Deuteranomaly

131.5060, 22.7830, 22.1350

## Tritanomaly

128.9690, 64.3200, 34.7840

# Monochromacy



## Original Color

129.2910, 58.0820, 48.7220

## Achromatopsia

129.0000, 0.0000, 0.0000

## Achromatomaly

129.0880, 20.9040, 17.6400

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 129.2910, 58.0820, 48.7220 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(215, 82, 148)` looks like.

```
.text, #text, p{  
    color:rgb(215, 82, 148)  
}
```

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(215, 82, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 82, 148) }
```

## Border

The CSS property to change the border of an element to YIQ 129.2910, 58.0820, 48.7220 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(215, 82, 148) }
```



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

```
.border{ border-color:rgb(215, 82, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 82, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 82, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 82, 148);  
box-shadow:4px 4px 4px 4px rgb(215, 82,  
148) }
```

# Background

The CSS property to change the background color of an element to YIQ 129.2910, 58.0820, 48.7220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 82, 148) }
```

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

```
.background{ background-color: rgb(215, 82,  
148) }
```

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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