

# Converting Colors

YIQ(143.0600, 36.4430, 38.8990)

Have a look what the booklet for  
YIQ(143.0600, 36.4430, 38.8990)  
contains.

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# Color

**YIQ(143.0600, 36.4430,  
38.8990)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CA6CA9
RGB	202, 108, 169
RGB Percent	79%, 42%, 66%
CMY	0.2076, 0.5766, 0.3372
CMYK	0.00, 0.47, 0.16, 0.21
HSL	321°, 47%, 61%
HSV	321°, 47%, 79%
XYZ	36.8974, 26.1482, 40.6507
YIQ	143.0600, 36.4430, 38.8990

# Conversions

## Conversions Part 2

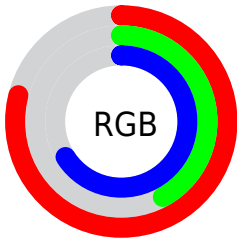
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	202, 108, 169
Decimal	13266089
CIE Lab	58.18, 45.01, -16.12
CIE LCh	58, 47.814, 340.297
Yxy	26.1482, 0.3558, 0.2522
Android (android.graphics.Color)	4291456169 (0xFFCA6CA9)
YUV	143.0600, 12.7884, 51.6904
Hunter-Lab	51.1353, 39.3122, -11.3387

# Details

The YIQ color  $143.0600, 36.4430, 38.8990$  is a light color, and the websafe version is hex  $CC6699$ . A complement of this color would be  $166.9400, -36.4430, -38.8990$ , and the grayscale version is  $143.0000, -0.0000, 0.0000$ .

A 20% lighter version of the original color is  $196.8750, 35.5260, 38.9980$ , and  $89.8640, 34.0590, 38.0510$  is the 20% darker color. If you saturate the color by 10%, you get  $130.5220, 44.1900, 47.1820$ , and if you desaturate by 10%, it is  $155.5980, 28.6960, 30.6160$ .

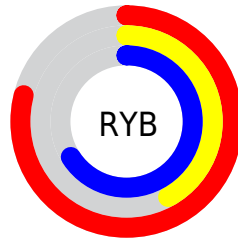
# Distribution



Red (79%)

Green (42%)

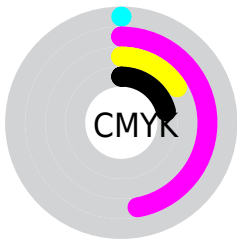
Blue (66%)



Red (79%)

Yellow (42%)

Blue (66%)

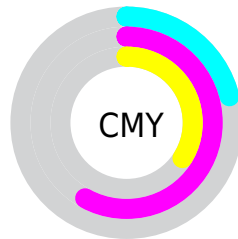


Cyan (0%)

Magenta (47%)

Yellow (16%)

Black (21%)



Cyan (21%)

Magenta (58%)


Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 143.0600, 36.4430, 38.8990 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 143.0600, 36.4430, 38.8990 by changing the saturation by 10% instead.




 143.0600, 36.4430,  
38.8990


 143.0600, 36.4430,  
38.8990


255.0000, -0.0000,  
-0.0000


 116.4620, 35.2510,  
38.4750


 196.8750, 35.5260,  
38.9980

 89.8640, 34.0590,  
38.0510


 216.6170, 18.5170,  
33.3730


 62.5050, 33.6920,  
39.1960

 233.2810, 10.1750,  
19.3510

 35.2600, 33.0040,  
40.6520

 250.3040, 2.2000,  
4.1840

 24.9780, 24.5700,  
28.2980

 16.1200, 17.8780,  
17.4140

 0.0000, 0.0000,

0.0000

■ 143.0600, 36.4430,  
38.8990

■ 143.0600, 36.4430,  
38.8990

■ 130.5220, 44.1900,  
47.1820

■ 155.5980, 28.6960,  
30.6160

■ 117.9840, 51.9370,  
55.4650

■ 168.1360, 20.9490,  
22.3330

■ 104.8590, 59.9590,  
64.2710

■ 181.2610, 12.9270,  
13.5270

■ 92.3210, 67.7060,  
72.5540

■ 193.7990, 5.1800,  
5.2440

■ 79.7830, 75.4530,  
80.8370

■ 206.4510, -2.8880,  
-2.7280

■ 75.3320, 78.3410,  
83.5650

■ 218.9890,  
-10.6350, -11.0110

■ 231.5270,  
-18.3820, -19.2940

■ 235.8470,  
-22.2790, -20.2550

■ 236.6450,  
-24.5260, -18.0780

# Harmonies

## Analogous

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



143.8950, -2.7570, 33.4590



143.0600, 36.4430, 38.8990



140.1210, 60.8360, 31.8440

# Triad

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



143.0600, 36.4430, 38.8990



134.2460, 33.3370, -25.9830



115.3350, -105.6780, -23.1340

# Complementary

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



143.0600, 36.4430, 38.8990



166.9400, -36.4430, -38.8990

# 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.



111.9490, -93.3880, -36.6200



143.0600, 36.4430, 38.8990



129.2290, -3.5240, -35.2680

# Square

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



143.0600, 36.4430, 38.8990



137.5900, 56.3960, -8.8520



115.4410, -59.9630, -42.1630



114.0760, -111.7780, -11.6980



# Rectangle

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



143.0600, 36.4430, 38.8990



139.0810, 66.3400, 20.1960



115.4410, -59.9630, -42.1630



114.5540, -102.1010, -27.3890

# Sweetspot

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



143.0600, 36.4430, 38.8990



232.3860, 14.0730, 14.7850



128.5830, -10.5060, 36.2300



114.1740, 8.6180, 9.0180



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.



143.0600, 36.4430, 38.8990



165.3590, 55.3750, 59.2390



137.7020, 51.5300, 24.2820



95.6740, 4.0340, 3.9860



61.9460, 64.2680, 68.7800



14.2120, 14.6230, 15.8310



# Inverse Universe

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



143.0600, 36.4430, 38.8990



165.3590, 55.3750, 59.2390



172.2980, -51.5300, -24.2820



95.6740, 4.0340, 3.9860



61.9460, 64.2680, 68.7800



14.2120, 14.6230, 15.8310



# Previews

## White Background



This preview shows how the YIQ color 143.0600, 36.4430, 38.8990 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 143.0600, 36.4430, 38.8990 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

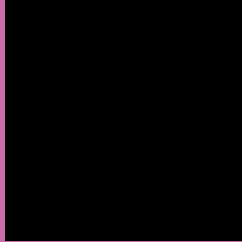
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YIQ 143.0600, 36.4430, 38.8990

## Background



This preview shows how black text looks on a background with the YIQ color 143.0600, 36.4430, 38.8990.



This preview shows how white text looks on a background with the YIQ color 143.0600, 36.4430,



# 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

143.0600, 36.4430, 38.8990

### Protanopia

140.7420, -25.0360, 13.2040

### Deuteranopia

141.5730, -5.6870, 9.4570



## Tritanopia

141.9460, 44.7910, 19.7590

# Trichromacy



## Original Color

143.0600, 36.4430, 38.8990



## Protanomaly

141.7450, -2.7550, 22.4050



## Deuteranomaly

141.9220, 9.8080, 20.4960



## Tritanomaly

142.6070, 41.6720, 26.7280

# Monochromacy



## Original Color

143.0600, 36.4430, 38.8990



## Achromatopsia

143.0000, -0.0000, 0.0000



## Achromatomaly

142.6740, 13.2020, 14.0500

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 143.0600, 36.4430, 38.8990 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, 108, 169)` looks like.

```
.text, #text, p{  
    color:rgb(202, 108, 169)  
}
```

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, 108, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 108, 169) }
```

## Border

The CSS property to change the border of an element to YIQ 143.0600, 36.4430, 38.8990 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, 108, 169) }
```



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

```
.border{ border-color:rgb(202, 108, 169) }
```

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

Here you see how a box with a 4 pixel rgb(202, 108, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 108, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 108, 169);  
box-shadow:4px 4px 4px 4px rgb(202, 108,  
169) }
```

# Background

The CSS property to change the background color of an element to YIQ 143.0600, 36.4430, 38.8990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 108, 169) }
```

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

```
.background{ background-color: rgb(202,  
108, 169) }
```

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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