

# Converting Colors

YIQ(134.4380, 43.8260, 31.7460)

Have a look what the booklet for  
YIQ(134.4380, 43.8260, 31.7460)  
contains.

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# Color

**YIQ(134.4380, 43.8260,  
31.7460)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C4668C
RGB	196, 102, 140
RGB Percent	77%, 40%, 55%
CMY	0.2311, 0.6001, 0.4508
CMYK	0.00, 0.48, 0.29, 0.23
HSL	336°, 44%, 58%
HSV	336°, 48%, 77%
XYZ	32.2652, 23.1338, 27.5899
YIQ	134.4380, 43.8260, 31.7460

# Conversions

## Conversions Part 2

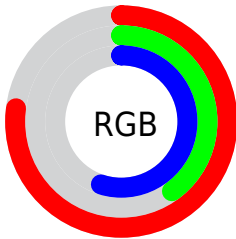
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	196, 102, 140
Decimal	12871308
CIE Lab	55.21, 41.85, -3.78
CIE LCh	55, 42.025, 354.835
Yxy	23.1338, 0.3888, 0.2788
Android (android.graphics.Color)	4291061388 (0xFFC4668C)
YUV	134.4380, 2.7421, 53.9899
Hunter-Lab	48.0976, 35.5721, -0.3418

# Details

The YIQ color **134.4380, 43.8260, 31.7460** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **163.5620, -43.8260, -31.7460**, and the grayscale version is **134.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **189.2320, 47.4020, 33.0180**, and **81.4700, 40.8000, 31.5200** is the 20% darker color. If you saturate the color by 10%, you get **121.3300, 53.1780, 38.4740**, and if you desaturate by 10%, it is **147.5460, 34.4740, 25.0180**.

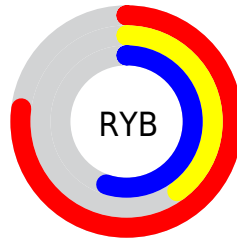
# Distribution



Red (77%)

Green (40%)

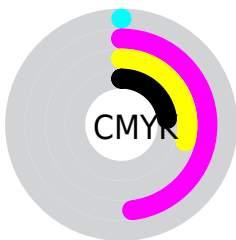
Blue (55%)



Red (77%)

Yellow (40%)

Blue (55%)

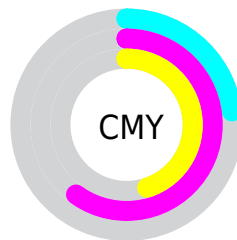


Cyan (0%)

Magenta (48%)

Yellow (29%)

Black (23%)



Cyan (23%)

Magenta (60%)


Yellow (45%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 134.4380, 43.8260, 31.7460 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 134.4380, 43.8260, 31.7460 by changing the saturation by 10% instead.





 134.4380, 43.8260,  
31.7460


 134.4380, 43.8260,  
31.7460


255.0000, -0.0000,  
-0.0000


 107.9540, 42.3130,  
31.6330


 189.3460, 47.0810,  
33.3290


 81.4700, 40.8000,  
31.5200


 208.8600, 30.7140,  
27.0820


 54.6270, 38.9200,  
32.5520

 228.6020, 13.7050,  
21.4570

 30.8440, 36.8110,  
32.2270

 246.1950, 4.1250,  
7.8450

 20.6760, 28.0560,  
20.1840

 10.5790, 20.5390,  
7.7310

 0.0000, 0.0000,

0.0000

■ 134.4380, 43.8260,  
31.7460

■ 134.4380, 43.8260,  
31.7460

■ 121.3300, 53.1780,  
38.4740

■ 147.5460, 34.4740,  
25.0180

■ 108.9230, 61.9340,  
44.9900

■ 159.9530, 25.7180,  
18.5020

■ 95.8150, 71.2860,  
51.7180

■ 173.0610, 16.3660,  
11.7740

■ 83.2940, 80.3630,  
57.9230

■ 185.5820, 7.2890,  
5.5690

■ 70.3000, 89.3940,  
64.9620

■ 198.5760, -1.7420,  
-1.4700

■ 67.6100, 91.4570,  
66.1210

■ 211.6840,  
-11.0940, -8.1980

■ 224.2050,  
-20.1710, -14.4030

■ 234.8510,  
-28.1020, -19.3500

■ 236.2190,  
-31.9540, -15.6180

# Harmonies

## Analogous

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



136.2360, 15.2160, 32.6240



134.4380, 43.8260, 31.7460



132.7040, 57.2160, 20.3520

# Triad

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



134.4380, 43.8260, 31.7460



125.5520, 14.8600, -27.0280



107.4760, -101.4610, -16.9570

# Complementary

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



134.4380, 43.8260, 31.7460



163.5620, -43.8260, -31.7460

# 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.



106.5180, -93.2520, -28.0680



134.4380, 43.8260, 31.7460



120.0560, -21.9100, -32.4540

# Square

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



134.4380, 43.8260, 31.7460



129.2890, 40.9460, -15.1980



102.1860, -81.0540, -39.8860



118.3150, -75.4220, 1.2340



# Rectangle

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



134.4380, 43.8260, 31.7460



131.6250, 58.4560, 8.8880



102.1860, -81.0540, -39.8860



107.7380, -99.4430, -20.4910

# Sweetspot

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



134.4380, 43.8260, 31.7460



231.4740, 16.6410, 12.2970



129.1610, 2.6060, 40.8940



113.6040, 10.2230, 7.4630



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.



134.4380, 43.8260, 31.7460



158.0920, 68.9480, 50.0360



134.8020, 53.8240, 15.7440



90.4460, 4.6760, 3.3640



55.5490, 75.0910, 54.3470



11.3490, 15.4950, 11.0390



# Inverse Universe

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



134.4380, 43.8260, 31.7460



158.0920, 68.9480, 50.0360



163.1980, -53.8240, -15.7440



90.4460, 4.6760, 3.3640



55.5490, 75.0910, 54.3470



11.3490, 15.4950, 11.0390



# Previews

## White Background



This preview shows how the YIQ color 134.4380, 43.8260, 31.7460 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

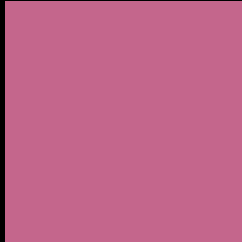
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 134.4380, 43.8260, 31.7460 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 134.4380, 43.8260, 31.7460

## Background



This preview shows how black text looks on a background with the YIQ color 134.4380, 43.8260, 31.7460.



This preview shows how white text looks on a background with the YIQ color 134.4380, 43.8260,

31.7460.

# 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

134.4380, 43.8260, 31.7460

### Protanopia

133.5830, -11.6470, 7.3370

### Deuteranopia

134.2830, 6.6930, 5.3570



## Tritanopia

133.9250, 49.2840, 20.9320

# Trichromacy



## Original Color

134.4380, 43.8260, 31.7460

## Protanomaly

133.8030, 8.5250, 16.2130

## Deuteranomaly

134.2080, 20.4460, 14.9260

## Tritanomaly

134.0760, 47.5410, 24.9890

# Monochromacy



## Original Color

134.4380, 43.8260, 31.7460

## Achromatopsia

134.0000, -0.0000, -0.0000

## Achromatomaly

134.0610, 16.3660, 11.7740

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 134.4380, 43.8260, 31.7460 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(196, 102, 140)` looks like.

```
.text, #text, p{  
    color:rgb(196, 102, 140)  
}
```

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(196, 102, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 102, 140) }
```

## Border

The CSS property to change the border of an element to YIQ 134.4380, 43.8260, 31.7460 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".

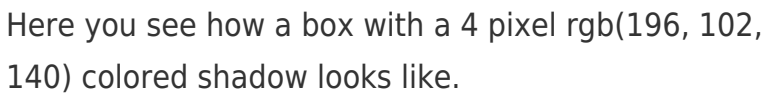
```
.border, #border, table{ border:4px solid rgb(196, 102, 140) }
```



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

```
.border{ border-color:rgb(196, 102, 140) }
```

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



Here you see how a box with a 4 pixel `rgb(196, 102, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 102, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 102, 140);  
box-shadow:4px 4px 4px 4px rgb(196, 102,  
140) }
```

# Background

The CSS property to change the background color of an element to YIQ 134.4380, 43.8260, 31.7460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 102, 140) }
```

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

```
.background{ background-color: rgb(196,  
102, 140) }
```

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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