

Converting Colors

YIQ(133.3680, 59.1830, 45.2870)

Have a look what the booklet for
YIQ(133.3680, 59.1830, 45.2870)
contains.

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Color

**YIQ(133.3680, 59.1830,
45.2870)**

Conversions

Conversions Part 1

Format	Color
Hex	DA5891
RGB	218, 88, 145
RGB Percent	85%, 35%, 57%
CMY	0.1448, 0.6551, 0.4312
CMYK	0.00, 0.60, 0.33, 0.14
HSL	334°, 64%, 60%
HSV	334°, 60%, 86%
XYZ	37.5396, 23.9353, 29.4492
YIQ	133.3680, 59.1830, 45.2870

Conversions

Conversions Part 2

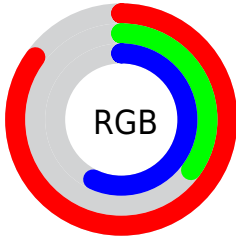
Format	Color
R _Y B	218, 88, 145
Decimal	14309521
CIE Lab	56.02, 56.40, -5.16
CIE LCh	56, 56.641, 354.770
Yxy	23.9353, 0.4129, 0.2632
Android (android.graphics.Color)	4292499601 (0xFFDA5891)
YUV	133.3680, 5.7346, 74.2223
Hunter-Lab	48.9237, 51.3480, -1.4424

Details

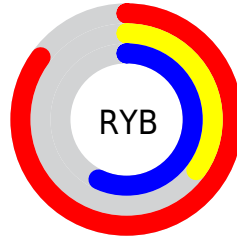
The YIQ color **133.3680, 59.1830, 45.2870** is a light color, and the websafe version is hex **CC6699**. The color can be described as light muted rose. A complement of this color would be **172.6320, -59.1830, -45.2870**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.8720, 48.7760, 41.1600**, and **74.2200, 56.8440, 49.1320** is the 20% darker color. If you saturate the color by 10%, you get **119.0860, 69.0850, 53.0610**, and if you desaturate by 10%, it is **147.6500, 49.2810, 37.5130**.

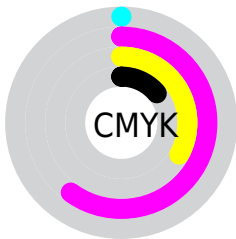
Distribution



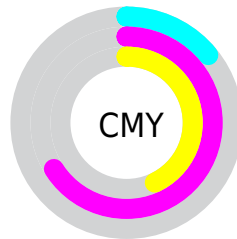
- Red (85%)
- Green (35%)
- Blue (57%)



- Red (85%)
- Yellow (35%)
- Blue (57%)



- Cyan (0%)
- Magenta (60%)
- Yellow (33%)
- Black (14%)




- Cyan (14%)
- Magenta (66%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 133.3680, 59.1830, 45.2870 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 133.3680, 59.1830, 45.2870 by changing the saturation by 10% instead.


 133.3680, 59.1830,
45.2870


 133.3680, 59.1830,
45.2870


255.0000, -0.0000,
-0.0000


 104.9980, 57.3490,
45.4850


 182.8720, 48.7760,
41.1600

 74.2200, 56.8440,
49.1320


 202.5000, 32.0880,
35.2240


 47.2630, 55.2850,
49.8530

 222.7150, 15.1250,
28.7650

 36.0840, 45.0630,
36.8630

 239.7380, 7.1500,
13.5980

 25.6170, 35.7120,
24.6080

 14.8790, 28.5620,
11.0100

 0.0000, 0.0000,

0.0000

■ 133.3680, 59.1830,
45.2870

■ 133.3680, 59.1830,
45.2870

■ 119.0860, 69.0850,
53.0610

■ 147.6500, 49.2810,
37.5130

■ 104.8040, 78.9870,
60.8350

■ 162.0460, 39.0580,
30.0500

■ 90.9950, 88.9350,
67.7750

■ 175.7410, 29.4310,
22.7990

■ 76.7130, 98.8370,
75.5490

■ 190.0230, 19.5290,
15.0250

■ 76.1260, 99.1120,
76.0720

■ 204.3050, 9.6270,
7.2510

■ 218.5870, -0.2750,
-0.5230

■ 232.9830,
-10.4980, -7.9860

■ 242.5690,
-18.2000, -11.5760

■ 243.9370,
-22.0520, -7.8440

Harmonies

Analogous

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



137.9630, 20.8990, 45.2750



133.3680, 59.1830, 45.2870



130.7390, 76.4710, 29.3270

Triad

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



133.3680, 59.1830, 45.2870



124.3980, 20.6850, -38.9870



114.2070, -110.7690, -13.4650

Complementary

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



133.3680, 59.1830, 45.2870



172.6320, -59.1830, -45.2870

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.



111.9950, -99.0290, -27.9970



133.3680, 59.1830, 45.2870



113.7950, -34.8370, -45.9810

Square

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



133.3680, 59.1830, 45.2870



128.3920, 56.3530, -24.5990



106.2950, -82.9790, -43.5470



110.3890, -113.7970, -2.6370

Rectangle

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



133.3680, 59.1830, 45.2870



131.1880, 75.9240, 11.7000



106.2950, -82.9790, -43.5470



114.1270, -107.7880, -17.9320

Sweetspot

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



133.3680, 59.1830, 45.2870



225.0340, 20.9960, 15.9720



124.3480, 1.1820, 55.6940



109.1530, 13.1110, 10.1910



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.



133.3680, 59.1830, 45.2870



135.2500, 83.6630, 64.1990



130.3920, 75.8300, 24.4220



102.7450, 5.2720, 3.5760



60.3910, 78.7120, 60.3120



16.0340, 20.9960, 15.9720

Inverse Universe

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



133.3680, 59.1830, 45.2870



135.2500, 83.6630, 64.1990



175.6080, -75.8300, -24.4220



102.7450, 5.2720, 3.5760



60.3910, 78.7120, 60.3120



16.0340, 20.9960, 15.9720

Previews

White Background



This preview shows how the YIQ color 133.3680, 59.1830, 45.2870 looks on a white background.

Color Contrast Check

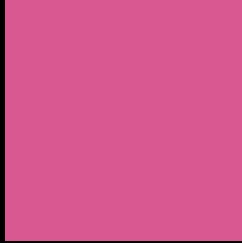
Large Text (above 18pt) WCAG AA ✓ Pass

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 133.3680, 59.1830, 45.2870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

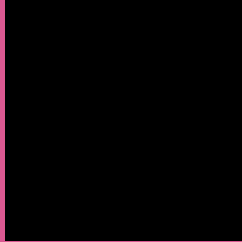
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 133.3680, 59.1830, 45.2870

Background



This preview shows how black text looks on a background with the YIQ color 133.3680, 59.1830, 45.2870.



This preview shows how white text looks on a background with the YIQ color 133.3680, 59.1830,

45.2870.

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

133.3680, 59.1830, 45.2870

Protanopia

135.0970, -18.8460, 11.1540

Deuteranopia

136.3970, 6.3720, 5.6680



Tritanopia

132.9660, 68.4020, 26.8820

Trichromacy



Original Color

133.3680, 59.1830, 45.2870

Protanomaly

134.6170, 9.3490, 23.3090

Deuteranomaly

135.0070, 25.6260, 20.1700

Tritanomaly

133.2140, 65.0080, 33.3280

Monochromacy



Original Color

133.3680, 59.1830, 45.2870

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

133.3330, 21.5920, 16.1840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 133.3680, 59.1830, 45.2870 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(218, 88, 145)` looks like.

```
.text, #text, p{  
    color:rgb(218, 88, 145)  
}
```

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(218, 88, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 88, 145) }
```

Border

The CSS property to change the border of an element to YIQ 133.3680, 59.1830, 45.2870 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(218, 88, 145) }
```


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

```
.border{ border-color:rgb(218, 88, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 88, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 88, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 88, 145);  
box-shadow:4px 4px 4px 4px rgb(218, 88,  
145) }
```

Background

The CSS property to change the background color of an element to YIQ 133.3680, 59.1830, 45.2870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 88, 145) }
```

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

```
.background{ background-color: rgb(218, 88,  
145) }
```

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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