

Converting Colors

YIQ(133.4850, 45.6120, 43.4360)

Have a look what the booklet for
YIQ(133.4850, 45.6120, 43.4360)
contains.

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Color

**YIQ(133.4850, 45.6120,
43.4360)**

Conversions

Conversions Part 1

Format	Color
Hex	CC5D9D
RGB	204, 93, 157
RGB Percent	80%, 36%, 62%
CMY	0.1997, 0.6355, 0.3842
CMYK	0.00, 0.54, 0.23, 0.20
HSL	325°, 52%, 58%
HSV	325°, 54%, 80%
XYZ	34.9220, 23.1043, 34.5323
YIQ	133.4850, 45.6120, 43.4360

Conversions

Conversions Part 2

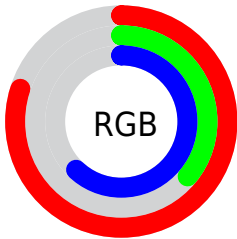
Format	Color
R_{YB}	204, 93, 157
Decimal	13393309
CIE _{Lab}	55.18, 51.31, -13.67
CIE _{LCh}	55, 53.096, 345.084
Yxy	23.1043, 0.3773, 0.2496
Android (android.graphics.Color)	4291583389 (0xFFCC5D9D)
YUV	133.4850, 11.5929, 61.8417
Hunter-Lab	48.0670, 45.5682, -8.9483

Details

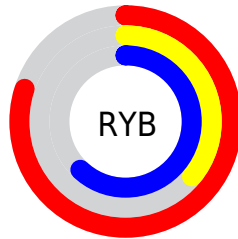
The YIQ color **133.4850, 45.6120, 43.4360** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **163.5150, -45.6120, -43.4360**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.7020, 43.5030, 43.1110**, and **78.3430, 43.1360, 44.2560** is the 20% darker color. If you saturate the color by 10%, you get **120.7190, 54.0010, 51.0970**, and if you desaturate by 10%, it is **146.2510, 37.2230, 35.7750**.

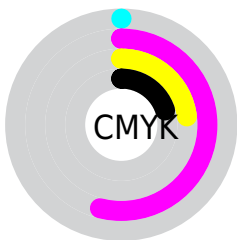
Distribution



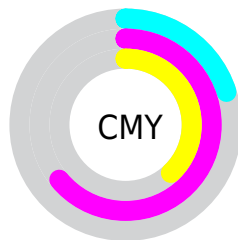
- Red (80%)
- Green (36%)
- Blue (62%)



- Red (80%)
- Yellow (36%)
- Blue (62%)



- Cyan (0%)
- Magenta (54%)
- Yellow (23%)
- Black (20%)





- Cyan (20%)
- Magenta (64%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 133.4850, 45.6120, 43.4360 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 133.4850, 45.6120, 43.4360 by changing the saturation by 10% instead.


 133.4850, 45.6120,
43.4360


 133.4850, 45.6120,
43.4360


255.0000, -0.0000,
-0.0000


 106.0010, 44.0990,
43.3230


 186.7020, 43.5030,
43.1110

 78.3430, 43.1360,
44.2560


 206.3300, 26.8150,
37.1750


 44.8150, 44.9230,
50.4190

 224.4760, 14.3000,
27.1960

 34.1200, 36.2140,
37.5420

 241.4990, 6.3250,
12.0290

 23.9520, 27.4590,
25.4990

 13.8550, 19.9420,
13.0460

 0.0000, 0.0000,

0.0000

■ 133.4850, 45.6120,
43.4360

■ 133.4850, 45.6120,
43.4360

■ 120.7190, 54.0010,
51.0970

■ 146.2510, 37.2230,
35.7750

■ 107.4800, 62.3440,
59.5920

■ 159.4900, 28.8800,
27.2800

■ 94.7140, 70.7330,
67.2530

■ 172.2560, 20.4910,
19.6190

■ 81.3610, 79.3970,
75.4370

■ 185.6090, 11.8270,
11.4350

■ 74.4480, 83.7060,
79.9460

■ 198.2610, 3.7590,
3.4630

■ 211.0270, -4.6300,
-4.1980

■ 224.3800,
-13.2940, -12.3820

■ 236.4450,
-21.0870, -19.8310

■ 237.4710,
-23.9760, -17.0320

Harmonies

Analogous

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



136.1780, 3.9360, 38.8160



133.4850, 45.6120, 43.4360



130.0680, 68.3550, 33.2430

Triad

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



133.4850, 45.6120, 43.4360



124.3610, 31.2750, -32.6690



111.5680, -104.7160, -18.5400

Complementary

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



133.4850, 45.6120, 43.4360



163.5150, -45.6120, -43.4360

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.



108.0680, -92.1050, -32.3370



133.4850, 45.6120, 43.4360



117.9890, -11.7760, -39.9040

Square

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



133.4850, 45.6120, 43.4360



128.2710, 58.5520, -14.8880



102.0090, -76.4220, -46.7420



109.7220, -110.5410, -6.5810

Rectangle

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



133.4850, 45.6120, 43.4360



129.9630, 72.4840, 18.9800



102.0090, -76.4220, -46.7420



110.7870, -101.1390, -22.7950

Sweetspot

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



133.4850, 45.6120, 43.4360



228.9950, 16.7320, 16.1560



119.4080, -8.2150, 44.2730



112.0710, 10.4060, 9.6540



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.



133.4850, 45.6120, 43.4360



149.5780, 68.1200, 65.0480



127.2150, 63.2670, 26.3310



95.6740, 4.0340, 3.9860



60.5780, 68.1200, 65.0480



13.8700, 15.5860, 14.8980

Inverse Universe

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



133.4850, 45.6120, 43.4360



149.5780, 68.1200, 65.0480



169.7850, -63.2670, -26.3310



95.6740, 4.0340, 3.9860



60.5780, 68.1200, 65.0480



13.8700, 15.5860, 14.8980

Previews

White Background



This preview shows how the YIQ color 133.4850, 45.6120, 43.4360 looks on a white background.

Color Contrast Check

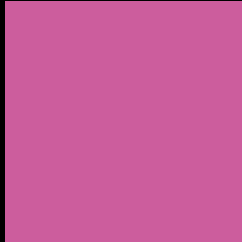
Large Text (above 18pt) WCAG AA ✓ Pass

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 133.4850, 45.6120, 43.4360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

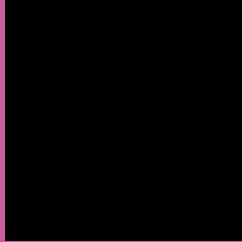
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 133.4850, 45.6120, 43.4360

Background



This preview shows how black text looks on a background with the YIQ color 133.4850, 45.6120, 43.4360.



This preview shows how white text looks on a background with the YIQ color 133.4850, 45.6120,

43.4360.

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

133.4850, 45.6120, 43.4360

Protanopia

132.8560, -25.3570, 13.5150

Deuteranopia

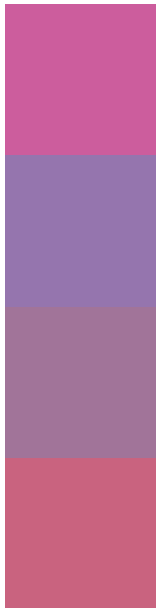
133.9000, -2.2940, 8.5380



Tritanopia

132.8010, 55.5650, 22.7410

Trichromacy



Original Color

133.4850, 45.6120, 43.4360

Protanomaly

133.0660, 0.7750, 24.5110

Deuteranomaly

133.6730, 14.9430, 21.0470

Tritanomaly

132.6900, 51.8040, 30.3320

Monochromacy



Original Color

133.4850, 45.6120, 43.4360

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

132.9950, 16.7320, 16.1560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 133.4850, 45.6120, 43.4360 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(204, 93, 157)` looks like.

```
.text, #text, p{  
    color:rgb(204, 93, 157)  
}
```

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(204, 93, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 93, 157) }
```

Border

The CSS property to change the border of an element to YIQ 133.4850, 45.6120, 43.4360 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(204, 93, 157) }
```


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

```
.border{ border-color:rgb(204, 93, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 93, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(204, 93, 157); -webkit-box-shadow:4px 4px 4px 4px rgb(204, 93, 157); box-shadow:4px 4px 4px 4px rgb(204, 93, 157) }
```

Background

The CSS property to change the background color of an element to YIQ 133.4850, 45.6120, 43.4360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 93, 157) }
```

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

```
.background{ background-color: rgb(204, 93,  
157) }
```

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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