

Converting Colors

YIQ(129.5380, 64.4560, 43.3360)

Have a look what the booklet for
YIQ(129.5380, 64.4560, 43.3360)
contains.

YIQ(129.5380, 64.4560, 43.3360)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(129.5380, 64.4560,
43.3360)**

Conversions

Conversions Part 1

Format	Color
Hex	DA5484
RGB	218, 84, 132
RGB Percent	85%, 33%, 52%
CMY	0.1447, 0.6708, 0.4821
CMYK	0.00, 0.62, 0.39, 0.14
HSL	338°, 65%, 59%
HSV	338°, 62%, 86%
XYZ	36.2747, 22.9185, 24.3616
YIQ	129.5380, 64.4560, 43.3360

Conversions

Conversions Part 2

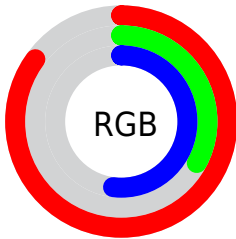
Format	Color
R_{YB}	218, 84, 132
Decimal	14308484
CIE _{Lab}	54.99, 56.70, 0.98
CIE _{LCh}	55, 56.705, 0.987
Yxy	22.9185, 0.4341, 0.2743
Android (android.graphics.Color)	4292498564 (0xFFDA5484)
YUV	129.5380, 1.2138, 77.5812
Hunter-Lab	47.8733, 51.4752, 3.3400

Details

The YIQ color **129.5380, 64.4560, 43.3360** is a dark color, and the websafe version is hex **FF6699**. The color can be described as middle muted rose. A complement of this color would be **172.4620, -64.4560, -43.3360**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.5150, 54.0950, 38.3750**, and **69.3300, 62.3460, 48.5380** is the 20% darker color. If you saturate the color by 10%, you get **115.0280, 75.0000, 50.4880**, and if you desaturate by 10%, it is **144.0480, 53.9120, 36.1840**.

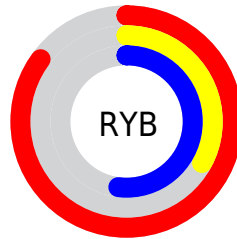
Distribution



Red (85%)

Green (33%)

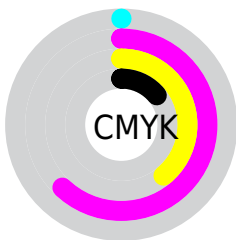
Blue (52%)



Red (85%)

Yellow (33%)

Blue (52%)

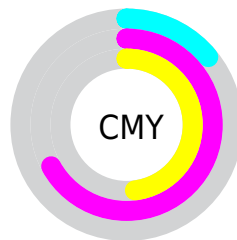


Cyan (0%)

Magenta (62%)

Yellow (39%)

Black (14%)



Cyan (14%)


Magenta (67%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 129.5380, 64.4560, 43.3360 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 129.5380, 64.4560, 43.3360 by changing the saturation by 10% instead.


 129.5380, 64.4560,
43.3360


 129.5380, 64.4560,
43.3360


255.0000, -0.0000,
-0.0000


 100.6950, 62.5760,
44.3680


 179.5150, 54.0950,
38.3750

 69.3300, 62.3460,
48.5380


 199.1430, 37.4070,
32.4390


 45.7100, 58.2200,
46.2200

 218.7710, 20.7190,
26.5030

 34.5310, 47.9980,
33.2300

 237.3900, 8.2500,
15.6900

 23.8790, 37.7300,
21.0740

 13.9820, 26.7740,
10.3740

 0.0000, 0.0000,

0.0000

■ 129.5380, 64.4560,
43.3360

■ 129.5380, 64.4560,
43.3360

■ 115.0280, 75.0000,
50.4880

■ 144.0480, 53.9120,
36.1840

■ 100.5180, 85.5440,
57.6400

■ 158.5580, 43.3680,
29.0320

■ 86.5950, 95.8130,
64.2690

■ 172.4810, 33.0990,
22.4030

■ 74.0740, 104.8900,
70.4740

■ 186.9910, 22.5550,
15.2510

■ 201.5010, 12.0110,
8.0990

■ 216.0110, 1.4670,
0.9470

■ 230.5210, -9.0770,
-6.2050

■ 242.6830,
-18.5210, -11.2650

■ 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.



134.2800, 30.2520, 46.4760



129.5380, 64.4560, 43.3360



128.4630, 77.0680, 24.0120

Triad

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



129.5380, 64.4560, 43.3360



120.0810, 11.3320, -40.1880



112.2010, -110.6320, -10.4400

Complementary

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



129.5380, 64.4560, 43.3360



172.4620, -64.4560, -43.3360

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.



111.0320, -100.4510, -24.2510



129.5380, 64.4560, 43.3360



102.6550, -57.9900, -50.3900

Square

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



129.5380, 64.4560, 43.3360



124.7070, 50.8520, -29.5320



106.0330, -84.9970, -40.0130



106.6390, -111.5050, -0.1210

Rectangle

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



129.5380, 64.4560, 43.3360



128.1290, 74.4120, 6.0600



106.0330, -84.9970, -40.0130



112.2350, -107.9720, -14.5960

Sweetspot

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



129.5380, 64.4560, 43.3360



224.6920, 21.9590, 15.0390



124.6910, 7.6460, 59.6940



108.9250, 13.7530, 9.5690



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.



129.5380, 64.4560, 43.3360



130.2630, 90.8160, 61.2160



134.6320, 74.9140, 18.9940



102.7450, 5.2720, 3.5760



58.7950, 83.2060, 55.9580



15.5780, 22.2800, 14.7280

Inverse Universe

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



129.5380, 64.4560, 43.3360



130.2630, 90.8160, 61.2160



167.3680, -74.9140, -18.9940



102.7450, 5.2720, 3.5760



58.7950, 83.2060, 55.9580



15.5780, 22.2800, 14.7280

Previews

White Background



This preview shows how the YIQ color 129.5380, 64.4560, 43.3360 looks on a white background.

Color Contrast Check

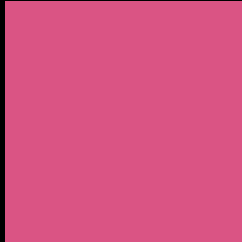
Large Text (above 18pt) WCAG AA ✓ Pass

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 129.5380, 64.4560, 43.3360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

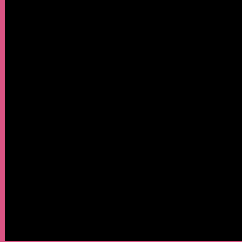
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 129.5380, 64.4560, 43.3360

Background



This preview shows how black text looks on a background with the YIQ color 129.5380, 64.4560, 43.3360.



This preview shows how white text looks on a background with the YIQ color 129.5380, 64.4560,

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

129.5380, 64.4560, 43.3360

Protanopia

132.9250, -12.6100, 8.2700

Deuteranopia

133.4530, 11.9660, 3.4060



Tritanopia

129.0590, 72.5740, 28.3660

Trichromacy



Original Color

129.5380, 64.4560, 43.3360

Protanomaly

131.5590, 15.2640, 20.7360

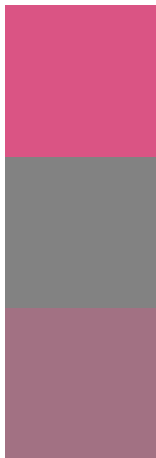
Deuteranomaly

132.0630, 31.2200, 17.9080

Tritanomaly

129.0790, 69.8220, 34.1900

Monochromacy



Original Color

129.5380, 64.4560, 43.3360

Achromatopsia

130.0000, -0.0000, -0.0000

Achromatomaly

129.7030, 23.4260, 15.9860

CSS Examples

Text

The CSS property to change the color of the text to YIQ 129.5380, 64.4560, 43.3360 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, 84, 132)` looks like.

```
.text, #text, p{  
    color:rgb(218, 84, 132)  
}
```

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, 84, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 84, 132) }
```

Border

The CSS property to change the border of an element to YIQ 129.5380, 64.4560, 43.3360 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, 84, 132) }
```


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

```
.border{ border-color:rgb(218, 84, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 84, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 84, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 84, 132);  
box-shadow:4px 4px 4px 4px rgb(218, 84,  
132) }
```

Background

The CSS property to change the background color of an element to YIQ 129.5380, 64.4560, 43.3360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 84, 132) }
```

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

```
.background{ background-color: rgb(218, 84,  
132) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor