

Converting Colors

YIQ(127.2770, 43.5020, 48.6380)

Have a look what the booklet for
YIQ(127.2770, 43.5020, 48.6380)
contains.

YIQ(127.2770, 43.5020, 48.6380)	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(127.2770, 43.5020,
48.6380)**

Conversions

Conversions Part 1

Format	Color
Hex	C754A2
RGB	199, 84, 162
RGB Percent	78%, 33%, 64%
CMY	0.2193, 0.6708, 0.3646
CMYK	0.00, 0.58, 0.19, 0.22
HSL	319°, 51%, 55%
HSV	319°, 58%, 78%
XYZ	33.2657, 21.0962, 36.5144
YIQ	127.2770, 43.5020, 48.6380

Conversions

Conversions Part 2

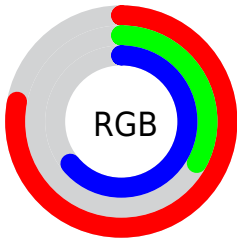
Format	Color
R_{YB}	199, 84, 162
Decimal	13063330
CIE _{Lab}	53.05, 54.71, -19.89
CIE _{LCh}	53, 58.217, 340.020
Yxy	21.0962, 0.3661, 0.2321
Android (android.graphics.Color)	4291253410 (0xFFC754A2)
YUV	127.2770, 17.1184, 62.9011
Hunter-Lab	45.9306, 48.9020, -14.9836

Details

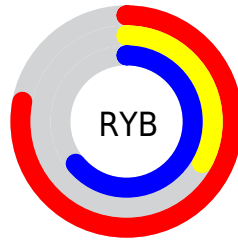
The YIQ color **127.2770, 43.5020, 48.6380** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **155.7230, -43.5020, -48.6380**, and the grayscale version is **127.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **182.5760, 44.0980, 48.8500**, and **69.6730, 42.4470, 51.2390** is the 20% darker color. If you saturate the color by 10%, you get **114.8530, 50.9280, 57.2320**, and if you desaturate by 10%, it is **139.7010, 36.0760, 40.0440**.

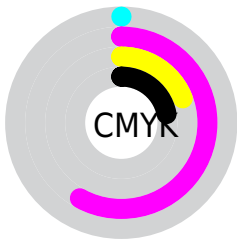
Distribution



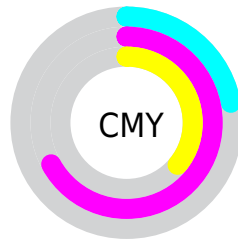
- Red (78%)
- Green (33%)
- Blue (64%)



- Red (78%)
- Yellow (33%)
- Blue (64%)



- Cyan (0%)
- Magenta (58%)
- Yellow (19%)
- Black (22%)



- Cyan (22%)
- Magenta (67%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 127.2770, 43.5020, 48.6380 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 127.2770, 43.5020, 48.6380 by changing the saturation by 10% instead.

■ 127.2770, 43.5020,
48.6380

■ 127.2770, 43.5020,
48.6380

■ 255.0000, -0.0000,
-0.0000

■ 99.2060, 42.2640,
49.0480

■ 182.5760, 44.0980,
48.8500

■ 69.0860, 42.7220,
51.7620

■ 201.7310, 27.3640,
43.7480

■ 43.8900, 40.3380,
50.9140

■ 219.7800, 16.5000,
31.3800

■ 33.0810, 31.9500,
37.7260

■ 236.8030, 8.5250,
16.2130

■ 23.0980, 24.1120,
25.5840

■ 253.8260, 0.5500,
1.0460

■ 12.5170, 15.0820,
13.0180

■ 0.0000, 0.0000,

0.0000

■ 127.2770, 43.5020,
48.6380

■ 127.2770, 43.5020,
48.6380

■ 114.8530, 50.9280,
57.2320

■ 139.7010, 36.0760,
40.0440

■ 102.3150, 58.6750,
65.5150

■ 152.2390, 28.3290,
31.7610

■ 89.8910, 66.1010,
74.1090

■ 164.6630, 20.9030,
23.1670

■ 77.3530, 73.8480,
82.3920

■ 177.2010, 13.1560,
14.8840

■ 74.8910, 75.2690,
84.1730

■ 189.0380, 6.0050,
6.8130

■ 201.4620, -1.4210,
-1.7810

■ 214.0000, -9.1680,
-10.0640

■ 226.4240,
-16.5940, -18.6580

■ 234.2660,
-22.1410, -22.7570

Harmonies

Analogous

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



130.3280, -5.2340, 39.8060



127.2770, 43.5020, 48.6380



122.5510, 71.6090, 40.3530

Triad

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



127.2770, 43.5020, 48.6380



117.3160, 44.3430, -38.2250



108.5360, -101.6900, -18.3140

Complementary

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



127.2770, 43.5020, 48.6380



155.7230, -43.5020, -48.6380

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.



104.3520, -87.1530, -33.9770



127.2770, 43.5020, 48.6380



111.8880, -4.3020, -43.1980

Square

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



127.2770, 43.5020, 48.6380



121.7020, 67.5840, -13.3760



97.1360, -69.5900, -49.4140



107.9610, -109.7160, -5.0120

Rectangle

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



127.2770, 43.5020, 48.6380



122.1150, 78.1680, 26.1040



97.1360, -69.5900, -49.4140



107.5270, -97.4710, -23.1910

Sweetspot

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



127.2770, 43.5020, 48.6380



228.1630, 16.3190, 18.1350



107.8740, -15.4590, 43.3970



111.7120, 10.0390, 10.7990



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.



127.2770, 43.5020, 48.6380



145.1900, 66.6970, 74.3210



120.7790, 61.7990, 30.9110



93.3750, 3.4380, 3.7740



61.3910, 61.5170, 69.0770



13.5000, 13.7520, 15.0960

Inverse Universe

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



127.2770, 43.5020, 48.6380



145.1900, 66.6970, 74.3210



162.2210, -61.7990, -30.9110



93.3750, 3.4380, 3.7740



61.3910, 61.5170, 69.0770



13.5000, 13.7520, 15.0960

Previews

White Background



This preview shows how the YIQ color 127.2770, 43.5020, 48.6380 looks on a white background.

Color Contrast Check

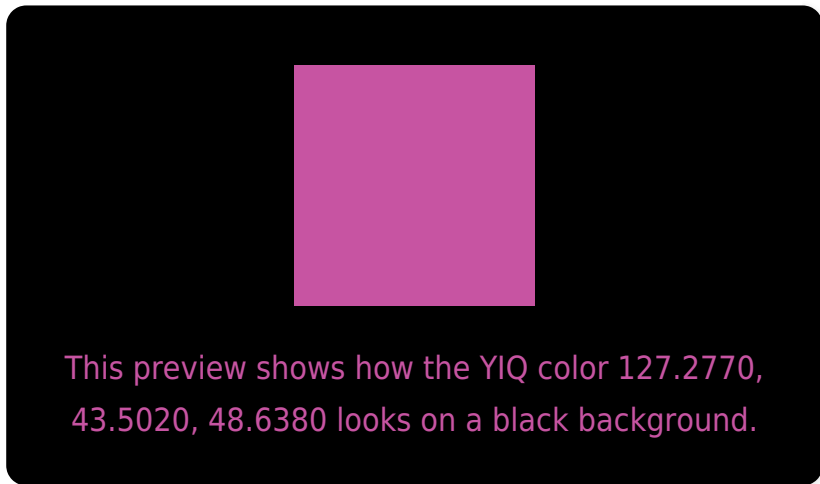
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

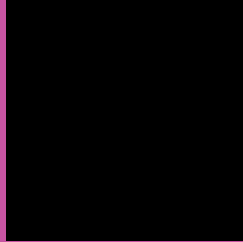
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 127.2770, 43.5020, 48.6380

Background



This preview shows how black text looks on a background with the YIQ color 127.2770, 43.5020, 48.6380.



This preview shows how white text looks on a background with the YIQ color 127.2770, 43.5020,

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

127.2770, 43.5020, 48.6380

Protanopia

126.1740, -34.9400, 16.4840

Deuteranopia

127.9470, -9.6760, 10.1640



Tritanopia

127.2030, 54.3730, 22.3170

Trichromacy



Original Color

127.2770, 43.5020, 48.6380



Protanomaly

126.5800, -6.4240, 28.3280



Deuteranomaly

127.4430, 9.8990, 24.3550



Tritanomaly

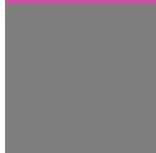
127.2600, 50.1990, 31.8870

Monochromacy



Original Color

127.2770, 43.5020, 48.6380



Achromatopsia

127.0000, -0.0000, -0.0000



Achromatomaly

126.8640, 15.7230, 17.9230

CSS Examples

Text

The CSS property to change the color of the text to YIQ 127.2770, 43.5020, 48.6380 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(199, 84, 162)` looks like.

```
.text, #text, p{  
    color:rgb(199, 84, 162)  
}
```

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(199, 84, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 84, 162) }
```

Border

The CSS property to change the border of an element to YIQ 127.2770, 43.5020, 48.6380 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(199, 84, 162) }
```


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

```
.border{ border-color:rgb(199, 84, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 84, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 84, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 84, 162);  
box-shadow:4px 4px 4px 4px rgb(199, 84,  
162) }
```

Background

The CSS property to change the background color of an element to YIQ 127.2770, 43.5020, 48.6380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 84, 162) }
```

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

```
.background{ background-color: rgb(199, 84,  
162) }
```

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