

Converting Colors

YIQ(127.0840, 54.2310, 46.9270)

Have a look what the booklet for
YIQ(127.0840, 54.2310, 46.9270)
contains.

YIQ(127.0840, 54.2310, 46.9270)	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(127.0840, 54.2310,
46.9270)**

Conversions

Conversions Part 1

Format	Color
Hex	D05293
RGB	208, 82, 147
RGB Percent	82%, 32%, 58%
CMY	0.1840, 0.6786, 0.4234
CMYK	0.00, 0.61, 0.29, 0.18
HSL	329°, 57%, 57%
HSV	329°, 61%, 82%
XYZ	34.3199, 21.5570, 29.9731
YIQ	127.0840, 54.2310, 46.9270

Conversions

Conversions Part 2

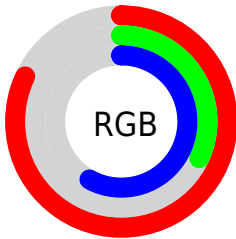
Format	Color
R _Y B	208, 82, 147
Decimal	13652627
CIE Lab	53.55, 56.24, -10.18
CIE LCh	54, 57.159, 349.738
Yxy	21.5570, 0.3998, 0.2511
Android (android.graphics.Color)	4291842707 (0xFFD05293)
YUV	127.0840, 9.8186, 70.9633
Hunter-Lab	46.4295, 50.6924, -5.7747

Details

The YIQ color **127.0840, 54.2310, 46.9270** 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 **162.9160, -54.2310, -46.9270**, and the grayscale version is **127.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **179.5780, 49.7840, 44.9200**, and **66.9470, 53.3590, 51.7190** is the 20% darker color. If you saturate the color by 10%, you get **113.6170, 63.2160, 54.8000**, and if you desaturate by 10%, it is **140.5510, 45.2460, 39.0540**.

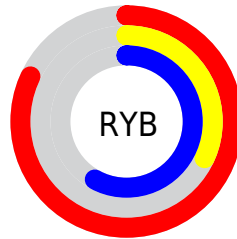
Distribution



Red (82%)

Green (32%)

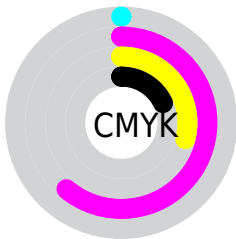
Blue (58%)



Red (82%)

Yellow (32%)

Blue (58%)

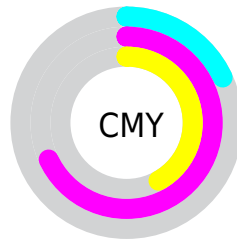


Cyan (0%)

Magenta (61%)

Yellow (29%)

Black (18%)



Cyan (18%)


Magenta (68%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 127.0840, 54.2310, 46.9270 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 127.0840, 54.2310, 46.9270 by changing the saturation by 10% instead.


 127.0840, 54.2310,
46.9270


 127.0840, 54.2310,
46.9270


255.0000, -0.0000,
-0.0000


 98.4260, 53.2680,
47.8600


 179.5780, 49.7840,
44.9200


 66.9470, 53.3590,
51.7190


 199.2060, 33.0960,
38.9840

 44.8000, 49.2790,
48.5670


 219.1930, 16.7750,
31.9030

 33.8060, 39.9740,
35.4780

 236.2160, 8.8000,
16.7360

 23.3390, 30.6230,
23.2230

 253.2390, 0.8250,
1.5690

 12.3730, 24.1150,
9.0030

 0.0000, 0.0000,

0.0000

■ 127.0840, 54.2310,
46.9270

■ 127.0840, 54.2310,
46.9270

■ 113.6170, 63.2160,
54.8000

■ 140.5510, 45.2460,
39.0540

■ 100.1500, 72.2010,
62.6730

■ 154.0180, 36.2610,
31.1810

■ 87.2700, 80.9110,
70.0230

■ 166.8980, 27.5510,
23.8310

■ 74.3900, 89.6210,
77.3730

■ 180.3650, 18.5660,
15.9580

■ 193.8320, 9.5810,
8.0850

■ 207.2990, 0.5960,
0.2120

■ 220.8800, -8.7100,
-7.3500

■ 233.7600,
-17.4200, -14.7000

■ 239.0090,
-22.5550, -15.2510

Harmonies

Analogous

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



131.7170, 12.7840, 43.6640



127.0840, 54.2310, 46.9270



123.8900, 74.7280, 33.3840

Triad

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



127.0840, 54.2310, 46.9270



117.7040, 28.5710, -38.7330



109.9040, -105.5420, -14.5820

Complementary

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



127.0840, 54.2310, 46.9270



162.9160, -54.2310, -46.9270

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.



106.8770, -92.8850, -29.2130



127.0840, 54.2310, 46.9270



109.5960, -23.9710, -44.6670

Square

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



127.0840, 54.2310, 46.9270



122.3110, 61.0750, -22.0690



100.4760, -76.2390, -44.5510



107.2430, -110.4500, -2.7220

Rectangle

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



127.0840, 54.2310, 46.9270



124.4210, 76.8860, 16.2940



100.4760, -76.2390, -44.5510



109.1230, -101.9650, -18.8370

Sweetspot

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



127.0840, 54.2310, 46.9270



225.4900, 19.7120, 17.2160



114.6030, -4.0900, 52.1180



109.3810, 12.4690, 10.8130



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.



127.0840, 54.2310, 46.9270



135.5580, 80.0400, 69.2880



119.9020, 74.4540, 27.3340



97.8590, 4.9510, 3.8870



60.1500, 72.2010, 62.6730



14.6530, 17.6950, 15.2230

Inverse Universe

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



127.0840, 54.2310, 46.9270



135.5580, 80.0400, 69.2880



170.0980, -74.4540, -27.3340



97.8590, 4.9510, 3.8870



60.1500, 72.2010, 62.6730



14.6530, 17.6950, 15.2230

Previews

White Background



This preview shows how the YIQ color 127.0840, 54.2310, 46.9270 looks on a white background.

Color Contrast Check

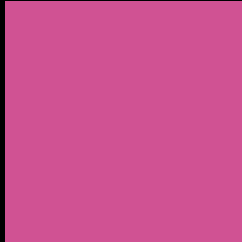
Large Text (above 18pt) WCAG AA ✓ Pass

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 127.0840, 54.2310, 46.9270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

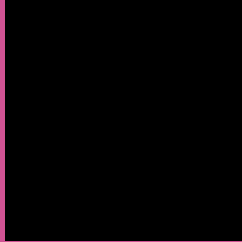
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 127.0840, 54.2310, 46.9270

Background



This preview shows how black text looks on a background with the YIQ color 127.0840, 54.2310, 46.9270.



This preview shows how white text looks on a background with the YIQ color 127.0840, 54.2310,

46.9270.

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

127.0840, 54.2310, 46.9270

Protanopia

128.6280, -24.7150, 12.8930

Deuteranopia

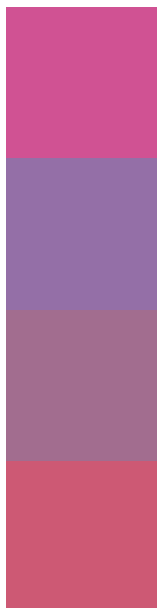
129.7000, 1.1450, 6.7850



Tritanopia

126.8730, 64.2300, 25.3980

Trichromacy



Original Color

127.0840, 54.2310, 46.9270

Protanomaly

128.4470, 4.0760, 25.2600

Deuteranomaly

128.7230, 20.6740, 21.8100

Tritanomaly

126.7620, 60.4690, 32.9890

Monochromacy



Original Color

127.0840, 54.2310, 46.9270

Achromatopsia

127.0000, -0.0000, -0.0000

Achromatomaly

127.0770, 19.4370, 16.6930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 127.0840, 54.2310, 46.9270 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(208, 82, 147)` looks like.

```
.text, #text, p{  
    color:rgb(208, 82, 147)  
}
```

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(208, 82, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 82, 147) }
```

Border

The CSS property to change the border of an element to YIQ 127.0840, 54.2310, 46.9270 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(208, 82, 147) }
```


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

```
.border{ border-color:rgb(208, 82, 147) }
```

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

Here you see how a box with a 4 pixel rgb(208, 82, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 82, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 82, 147);  
box-shadow:4px 4px 4px 4px rgb(208, 82,  
147) }
```

Background

The CSS property to change the background color of an element to YIQ 127.0840, 54.2310, 46.9270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 82, 147) }
```

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

```
.background{ background-color: rgb(208, 82,  
147) }
```

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