

Converting Colors

YIQ(137.0840, 54.2310, 46.9270)

Have a look what the booklet for
YIQ(137.0840, 54.2310, 46.9270)
contains.

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Color

**YIQ(137.0840, 54.2310,
46.9270)**

Conversions

Conversions Part 1

Format	Color
Hex	DA5C9D
RGB	218, 92, 157
RGB Percent	85%, 36%, 62%
CMY	0.1448, 0.6394, 0.3841
CMYK	0.00, 0.58, 0.28, 0.14
HSL	329°, 63%, 61%
HSV	329°, 58%, 86%
XYZ	38.8514, 24.9997, 34.6948
YIQ	137.0840, 54.2310, 46.9270

Conversions

Conversions Part 2

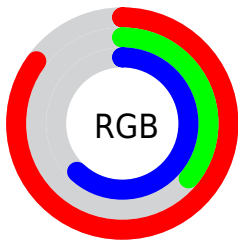
Format	Color
R _Y B	218, 92, 157
Decimal	14310557
CIE Lab	57.08, 56.09, -10.61
CIE LCh	57, 57.089, 349.286
Yxy	24.9997, 0.3942, 0.2537
Android (android.graphics.Color)	4292500637 (0xFFDA5C9D)
YUV	137.0840, 9.8186, 70.9633
Hunter-Lab	49.9997, 51.2007, -6.1416

Details

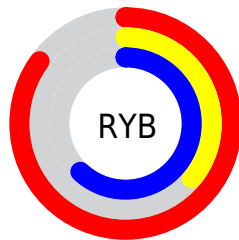
The YIQ color **137.0840, 54.2310, 46.9270** is a light color, and the websafe version is hex **CC6699**. The color can be described as light muted rose. A complement of this color would be **172.9160, -54.2310, -46.9270**, and the grayscale version is **137.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **186.7020, 43.5030, 43.1110**, and **79.2950, 52.2590, 49.6270** is the 20% darker color. If you saturate the color by 10%, you get **122.9160, 63.8120, 55.0120**, and if you desaturate by 10%, it is **151.2520, 44.6500, 38.8420**.

Distribution



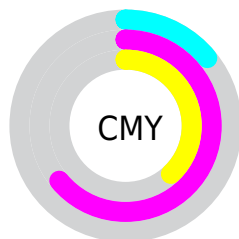
- Red (85%)
- Green (36%)
- Blue (62%)



- Red (85%)
- Yellow (36%)
- Blue (62%)



- Cyan (0%)
- Magenta (58%)
- Yellow (28%)
- Black (14%)




- Cyan (14%)
- Magenta (64%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 137.0840, 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 137.0840, 54.2310, 46.9270 by changing the saturation by 10% instead.


 137.0840, 54.2310,
46.9270


 137.0840, 54.2310,
46.9270


255.0000, -0.0000,
-0.0000


 109.0130, 52.9930,
47.3370


 186.7020, 43.5030,
43.1110


 79.2950, 52.2590,
49.6270


 206.3300, 26.8150,
37.1750


 48.5170, 51.7540,
53.2740

 225.0630, 14.0250,
26.6730

 37.5230, 42.4490,
40.1850

 242.0860, 6.0500,
11.5060

 26.9420, 33.4190,
27.6190

 16.9590, 25.5810,
15.4770

 0.2990, 0.5960,

0.2120

■ 0.0000, 0.0000,
0.0000

■ 137.0840, 54.2310,
46.9270

■ 137.0840, 54.2310,
46.9270

■ 122.9160, 63.8120,
55.0120

■ 151.2520, 44.6500,
38.8420

■ 108.8620, 73.0720,
63.4080

■ 165.3060, 35.3900,
30.4460

■ 95.2810, 82.3780,
70.9700

■ 178.8870, 26.0840,
22.8840

■ 81.2270, 91.6380,
79.3660

■ 192.9410, 16.8240,
14.4880

■ 78.0640, 93.6550,
81.3590

■ 207.1090, 7.2430,
6.4030

■ 221.1630, -2.0170,
-1.9930

■ 235.3310,
-11.5980, -10.0780

■ 242.3410,
-17.5580, -12.1980

■ 243.5950,
-21.0890, -8.7770

Harmonies

Analogous

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



141.2330, 11.2710, 43.5510



137.0840, 54.2310, 46.9270



134.0750, 75.6450, 33.2850

Triad

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



137.0840, 54.2310, 46.9270



127.5300, 29.1210, -37.6870



116.3270, -111.2270, -16.1790

Complementary

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



137.0840, 54.2310, 46.9270



172.9160, -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.



113.6590, -98.2030, -31.9550



137.0840, 54.2310, 46.9270



119.3790, -21.8620, -44.3420

Square

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



137.0840, 54.2310, 46.9270



131.7780, 61.2580, -19.8780



107.2580, -81.5570, -47.2930



113.6660, -116.1350, -4.3190

Rectangle

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



137.0840, 54.2310, 46.9270



134.0190, 78.0780, 16.7180



107.2580, -81.5570, -47.2930



116.0190, -107.6040, -21.2680

Sweetspot

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



137.0840, 54.2310, 46.9270



227.3650, 18.5660, 15.9580



124.6030, -4.0900, 52.1180



111.2560, 11.3230, 9.5550



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.



137.0840, 54.2310, 46.9270



141.9980, 75.6850, 65.6130



129.9020, 74.4540, 27.3340



102.8590, 4.9510, 3.8870



61.8730, 74.5390, 64.3550



16.4900, 19.7120, 17.2160

Inverse Universe

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



137.0840, 54.2310, 46.9270



141.9980, 75.6850, 65.6130



180.0980, -74.4540, -27.3340



102.8590, 4.9510, 3.8870



61.8730, 74.5390, 64.3550



16.4900, 19.7120, 17.2160

Previews

White Background



This preview shows how the YIQ color 137.0840, 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 137.0840, 54.2310, 46.9270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

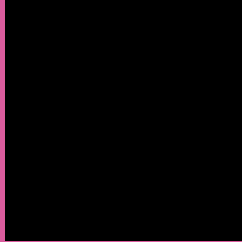
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 137.0840, 54.2310, 46.9270

Background



This preview shows how black text looks on a background with the YIQ color 137.0840, 54.2310, 46.9270.



This preview shows how white text looks on a background with the YIQ color 137.0840, 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

137.0840, 54.2310, 46.9270

Protanopia

137.9270, -24.1190, 13.1050

Deuteranopia

139.2270, 1.0990, 7.6190



Tritanopia

136.2860, 64.5050, 25.9210

Trichromacy



Original Color

137.0840, 54.2310, 46.9270

Protanomaly

137.7460, 4.6720, 25.4720

Deuteranomaly

138.7230, 20.6740, 21.8100

Tritanomaly

136.1750, 60.7440, 33.5120

Monochromacy



Original Color

137.0840, 54.2310, 46.9270

Achromatopsia

137.0000, -0.0000, 0.0000

Achromatomaly

137.0770, 19.4370, 16.6930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.0840, 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(218, 92, 157)` looks like.

```
.text, #text, p{  
    color:rgb(218, 92, 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(218, 92, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 92, 157) }
```

Border

The CSS property to change the border of an element to YIQ 137.0840, 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(218, 92, 157) }
```


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

```
.border{ border-color:rgb(218, 92, 157) }
```

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

Here you see how a box with a 4 pixel rgb(218, 92, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 92, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 92, 157);  
box-shadow:4px 4px 4px 4px rgb(218, 92,  
157) }
```

Background

The CSS property to change the background color of an element to YIQ 137.0840, 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(218, 92, 157) }
```

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

```
.background{ background-color: rgb(218, 92,  
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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