

Converting Colors

YIQ(137.2350, 52.4880, 50.9840)

Have a look what the booklet for
YIQ(137.2350, 52.4880, 50.9840)
contains.

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Color

**YIQ(137.2350, 52.4880,
50.9840)**

Conversions

Conversions Part 1

Format	Color
Hex	DB5AA6
RGB	219, 90, 166
RGB Percent	86%, 35%, 65%
CMY	0.1408, 0.6472, 0.3489
CMYK	0.00, 0.59, 0.24, 0.14
HSL	325°, 64%, 61%
HSV	325°, 59%, 86%
XYZ	39.7786, 25.1319, 38.8491
YIQ	137.2350, 52.4880, 50.9840

Conversions

Conversions Part 2

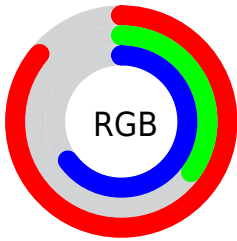
Format	Color
RYB	219, 90, 166
Decimal	14375590
CIELab	57.20, 58.47, -15.64
CIELCh	57, 60.524, 345.025
Yxy	25.1319, 0.3834, 0.2422
Android (android.graphics.Color)	4292565670 (0xFFDB5AA6)
YUV	137.2350, 14.1811, 71.7079
Hunter-Lab	50.1317, 53.9062, -10.8540

Details

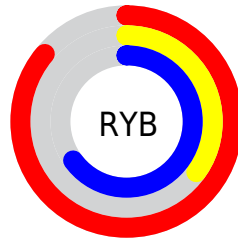
The YIQ color **137.2350, 52.4880, 50.9840** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **171.7650, -52.4880, -50.9840**, and the grayscale version is **137.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **187.1410, 40.8890, 46.4330**, and **78.1580, 51.3870, 54.4190** is the 20% darker color. If you saturate the color by 10%, you get **123.2950, 61.4270, 59.6910**, and if you desaturate by 10%, it is **151.1750, 43.5490, 42.2770**.

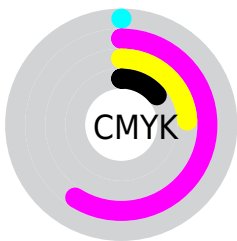
Distribution



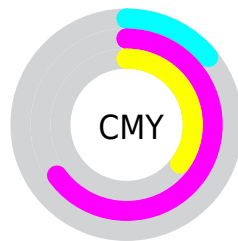
- Red (86%)
- Green (35%)
- Blue (65%)



- Red (86%)
- Yellow (35%)
- Blue (65%)



- Cyan (0%)
- Magenta (59%)
- Yellow (24%)
- Black (14%)





- Cyan (14%)
- Magenta (65%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 137.2350, 52.4880, 50.9840 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 137.2350, 52.4880, 50.9840 by changing the saturation by 10% instead.


 137.2350, 52.4880,
50.9840


 137.2350, 52.4880,
50.9840


255.0000, -0.0000,
-0.0000


 109.1640, 51.2500,
51.3940


 187.1410, 40.8890,
46.4330

 78.1580, 51.3870,
54.4190


 206.8830, 23.8800,
40.8080


 49.6140, 50.1030,
55.6630

 224.4760, 14.3000,
27.1960

 38.6200, 40.7980,
42.5740

 241.4990, 6.3250,
12.0290

 28.0390, 31.7680,
30.0080

 18.1700, 23.6090,
18.1770

 2.6910, 5.3640,

1.9080

■ 0.0000, 0.0000,
0.0000

■ 137.2350, 52.4880,
50.9840

■ 137.2350, 52.4880,
50.9840

■ 123.2950, 61.4270,
59.6910

■ 151.1750, 43.5490,
42.2770

■ 109.3550, 70.3660,
68.3980

■ 165.1150, 34.6100,
33.5700

■ 95.4150, 79.3050,
77.1050

■ 179.0550, 25.6710,
24.8630

■ 81.4750, 88.2440,
85.8120

■ 192.9950, 16.7320,
16.1560

■ 80.1870, 89.1150,
86.5470

■ 206.3480, 8.0680,
7.9720

■ 220.2880, -0.8710,
-0.7350

■ 234.2280, -9.8100,
-9.4420

■ 242.2980,
-15.9990, -12.9190

■ 243.3240,
-18.8880, -10.1200

Harmonies

Analogous

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



141.1660, 4.2100, 44.8660



137.2350, 52.4880, 50.9840



133.0310, 78.9450, 39.5610

Triad

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



137.2350, 52.4880, 50.9840



127.2120, 38.7040, -40.6560



117.9740, -111.7310, -18.0590

Complementary

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



137.2350, 52.4880, 50.9840



171.7650, -52.4880, -50.9840

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.



113.6760, -96.8730, -34.0330



137.2350, 52.4880, 50.9840



119.9190, -14.7550, -46.4910

Square

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



137.2350, 52.4880, 50.9840



131.3120, 68.5020, -19.0020



106.2320, -78.6680, -50.0920



115.8830, -118.2440, -4.6440

Rectangle

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



137.2350, 52.4880, 50.9840



133.0460, 82.6160, 22.5840



106.2320, -78.6680, -50.0920



116.9650, -107.5120, -22.9360

Sweetspot

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



137.2350, 52.4880, 50.9840



225.8320, 18.7490, 18.1490



120.2540, -10.4170, 51.1430



109.6090, 11.8270, 11.4350



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.



137.2350, 52.4880, 50.9840



140.3170, 73.5290, 71.6490



130.0530, 72.7110, 31.3910



102.9730, 4.6300, 4.1980



63.3550, 70.3660, 68.3980



16.8320, 18.7490, 18.1490

Inverse Universe

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



137.2350, 52.4880, 50.9840



140.3170, 73.5290, 71.6490



178.9470, -72.7110, -31.3910



102.9730, 4.6300, 4.1980



63.3550, 70.3660, 68.3980



16.8320, 18.7490, 18.1490

Previews

White Background



This preview shows how the YIQ color 137.2350, 52.4880, 50.9840 looks on a white background.

Color Contrast Check

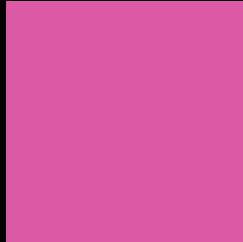
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.2350, 52.4880, 50.9840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

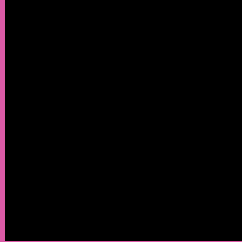
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 137.2350, 52.4880, 50.9840

Background



This preview shows how black text looks on a background with the YIQ color 137.2350, 52.4880, 50.9840.



This preview shows how white text looks on a background with the YIQ color 137.2350, 52.4880,

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

137.2350, 52.4880, 50.9840

Protanopia

137.5010, -31.5470, 15.5650

Deuteranopia

138.9430, -3.8530, 9.2590



Tritanopia

136.9870, 63.9090, 25.7090

Trichromacy



Original Color

137.2350, 52.4880, 50.9840

Protanomaly

137.2170, -0.9680, 28.5680

Deuteranomaly

138.2650, 16.2720, 24.4960

Tritanomaly

136.9300, 60.0560, 34.9680

Monochromacy



Original Color

137.2350, 52.4880, 50.9840

Achromatopsia

137.0000, -0.0000, 0.0000

Achromatomaly

137.2450, 19.0240, 18.6720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.2350, 52.4880, 50.9840 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(219, 90, 166)` looks like.

```
.text, #text, p{  
    color:rgb(219, 90, 166)  
}
```

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(219, 90, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 90, 166) }
```

Border

The CSS property to change the border of an element to YIQ 137.2350, 52.4880, 50.9840 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(219, 90, 166) }
```


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

```
.border{ border-color:rgb(219, 90, 166) }
```

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

Here you see how a box with a 4 pixel rgb(219, 90, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 90, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 90, 166);  
box-shadow:4px 4px 4px 4px rgb(219, 90,  
166) }
```

Background

The CSS property to change the background color of an element to YIQ 137.2350, 52.4880, 50.9840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 90, 166) }
```

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

```
.background{ background-color: rgb(219, 90,  
166) }
```

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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