

Converting Colors

YIQ(139.7300, 55.4680, 52.0440)

Have a look what the booklet for
YIQ(139.7300, 55.4680, 52.0440)
contains.

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Color

**YIQ(139.7300, 55.4680,
52.0440)**

Conversions

Conversions Part 1

Format	Color
Hex	E15BA7
RGB	225, 91, 167
RGB Percent	88%, 36%, 65%
CMY	0.1173, 0.6433, 0.3449
CMYK	0.00, 0.60, 0.26, 0.12
HSL	326°, 69%, 62%
HSV	326°, 60%, 88%
XYZ	41.7956, 26.2867, 39.4501
YIQ	139.7300, 55.4680, 52.0440

Conversions

Conversions Part 2

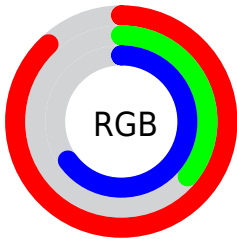
Format	Color
R _Y B	225, 91, 167
Decimal	14769063
CIE Lab	58.31, 59.93, -14.46
CIE LCh	58, 61.646, 346.431
Yxy	26.2867, 0.3887, 0.2445
Android (android.graphics.Color)	4292959143 (0xFFE15BA7)
YUV	139.7300, 13.4441, 74.7818
Hunter-Lab	51.2705, 55.7893, -9.7313

Details

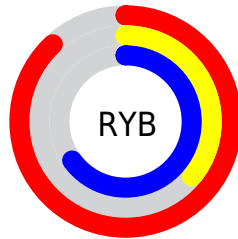
The YIQ color **139.7300, 55.4680, 52.0440** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **176.2700, -55.4680, -52.0440**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.8420, 40.2930, 46.2210**, and **79.7670, 54.0460, 55.7900** is the 20% darker color. If you saturate the color by 10%, you get **125.0890, 65.0030, 60.9630**, and if you desaturate by 10%, it is **153.7840, 46.2080, 43.6480**.

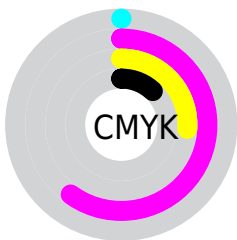
Distribution



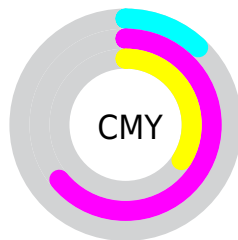
- Red (88%)
- Green (36%)
- Blue (65%)



- Red (88%)
- Yellow (36%)
- Blue (65%)



- Cyan (0%)
- Magenta (60%)
- Yellow (26%)
- Black (12%)



- Cyan (12%)
- Magenta (64%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 139.7300, 55.4680, 52.0440 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 139.7300, 55.4680, 52.0440 by changing the saturation by 10% instead.


 139.7300, 55.4680,
52.0440


 139.7300, 55.4680,
52.0440


255.0000, -0.0000,
-0.0000


 110.7730, 53.9090,
52.7650


 187.8420, 40.2930,
46.2210


 79.7670, 54.0460,
55.7900


 207.5840, 23.2840,
40.5960


 51.5220, 53.3580,
57.2460

 225.0630, 14.0250,
26.6730

 40.2290, 43.4570,
43.9450

 242.0860, 6.0500,
11.5060

 29.6480, 34.4270,
31.3790

 19.7790, 26.2680,
19.5480

 6.2790, 12.5160,

4.4520

■ 0.0000, 0.0000,
0.0000

■ 139.7300, 55.4680,
52.0440

■ 139.7300, 55.4680,
52.0440

■ 125.0890, 65.0030,
60.9630

■ 153.7840, 46.2080,
43.6480

■ 111.1490, 73.9420,
69.6700

■ 168.4250, 36.6730,
34.7290

■ 96.5080, 83.4770,
78.5890

■ 182.3650, 27.7340,
26.0220

■ 82.4540, 92.7370,
86.9850

■ 197.0060, 18.1990,
17.1030

■ 81.8670, 93.0120,
87.5080

■ 211.0600, 8.9390,
8.7070

■ 225.5870, -0.2750,
-0.5230

■ 240.2280, -9.8100,
-9.4420

■ 244.8900,
-14.6700, -9.4700

■ 246.0300,
-17.8800, -6.3600

Harmonies

Analogous

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



144.0740, 7.4650, 46.4490



139.7300, 55.4680, 52.0440



135.4010, 80.7790, 39.3630

Triad

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



139.7300, 55.4680, 52.0440



129.6740, 37.2830, -42.4370



120.5330, -114.8030, -17.4510

Complementary

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



139.7300, 55.4680, 52.0440



176.2700, -55.4680, -52.0440

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.



116.7080, -99.8990, -34.2590



139.7300, 55.4680, 52.0440



121.7120, -18.6060, -48.2860

Square

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



139.7300, 55.4680, 52.0440



134.1440, 68.9150, -20.9810



109.1500, -81.3730, -50.6290



117.7410, -120.7200, -3.8240

Rectangle

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



139.7300, 55.4680, 52.0440



135.8890, 84.4960, 21.5520



109.1500, -81.3730, -50.6290



119.4100, -110.2630, -22.6390

Sweetspot

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



139.7300, 55.4680, 52.0440



225.7180, 19.0700, 17.8380



123.0200, -9.6380, 53.5460



109.4950, 12.1480, 11.1240



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.



139.7300, 55.4680, 52.0440



137.9860, 75.9590, 71.6630



132.3200, 76.3330, 31.8290



104.9730, 4.6300, 4.1980



64.0240, 72.7960, 68.4120



17.4300, 19.9410, 18.5730

Inverse Universe

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



139.7300, 55.4680, 52.0440



137.9860, 75.9590, 71.6630



183.6800, -76.3330, -31.8290



104.9730, 4.6300, 4.1980



64.0240, 72.7960, 68.4120



17.4300, 19.9410, 18.5730

Previews

White Background



This preview shows how the YIQ color 139.7300, 55.4680, 52.0440 looks on a white background.

Color Contrast Check

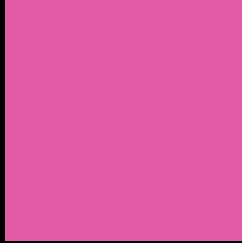
Large Text (above 18pt) WCAG AA ✓ Pass

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 139.7300, 55.4680, 52.0440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

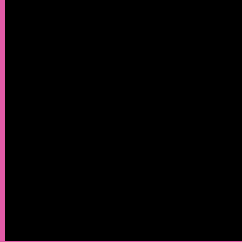
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 139.7300, 55.4680, 52.0440

Background



This preview shows how black text looks on a background with the YIQ color 139.7300, 55.4680, 52.0440.



This preview shows how white text looks on a background with the YIQ color 139.7300, 55.4680,

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

139.7300, 55.4680, 52.0440

Protanopia

140.6860, -30.6300, 15.4660

Deuteranopia

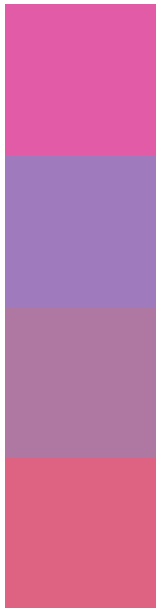
142.0140, -2.6150, 8.8490



Tritanopia

139.4820, 66.8890, 26.7690

Trichromacy



Original Color

139.7300, 55.4680, 52.0440

Protanomaly

140.7010, 0.5450, 28.6810

Deuteranomaly

141.0480, 18.3810, 24.8210

Tritanomaly

139.4250, 63.0360, 36.0280

Monochromacy



Original Color

139.7300, 55.4680, 52.0440

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

139.8430, 20.2160, 19.0960

CSS Examples

Text

The CSS property to change the color of the text to YIQ 139.7300, 55.4680, 52.0440 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(225, 91, 167)` looks like.

```
.text, #text, p{  
    color:rgb(225, 91, 167)  
}
```

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(225, 91, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 91, 167) }
```

Border

The CSS property to change the border of an element to YIQ 139.7300, 55.4680, 52.0440 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(225, 91, 167) }
```


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

```
.border{ border-color:rgb(225, 91, 167) }
```

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

Here you see how a box with a 4 pixel rgb(225, 91, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 91, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 91, 167);  
box-shadow:4px 4px 4px 4px rgb(225, 91,  
167) }
```

Background

The CSS property to change the background color of an element to YIQ 139.7300, 55.4680, 52.0440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 91, 167) }
```

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

```
.background{ background-color: rgb(225, 91,  
167) }
```

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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