

Converting Colors

YIQ(139.6230, 45.8840, 60.5400)

Have a look what the booklet for
YIQ(139.6230, 45.8840, 60.5400)
contains.

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Color

**YIQ(139.6230, 45.8840,
60.5400)**

Conversions

Conversions Part 1

Format	Color
Hex	DD58C0
RGB	221, 88, 192
RGB Percent	87%, 35%, 75%
CMY	0.1329, 0.6551, 0.2470
CMYK	0.00, 0.60, 0.13, 0.13
HSL	313°, 66%, 61%
HSV	313°, 60%, 87%
XYZ	42.8509, 26.1647, 52.6760
YIQ	139.6230, 45.8840, 60.5400

Conversions

Conversions Part 2

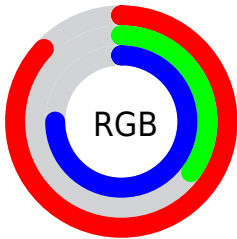
Format	Color
R _Y B	221, 88, 192
Decimal	14506176
CIE Lab	58.19, 63.60, -29.09
CIE LCh	58, 69.931, 335.422
Yxy	26.1647, 0.3521, 0.2150
Android (android.graphics.Color)	4292696256 (0xFFDD58C0)
YUV	139.6230, 25.8219, 71.3676
Hunter-Lab	51.1514, 60.0192, -25.2512

Details

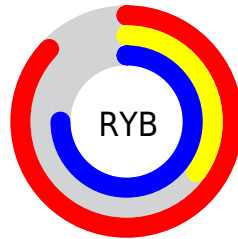
The YIQ color **139.6230, 45.8840, 60.5400** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **169.3770, -45.8840, -60.5400**, and the grayscale version is **139.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **189.7460, 32.1760, 55.6640**, and **77.9700, 46.5250, 65.4450** is the 20% darker color. If you saturate the color by 10%, you get **126.1390, 53.5390, 70.4910**, and if you desaturate by 10%, it is **153.1070, 38.2290, 50.5890**.

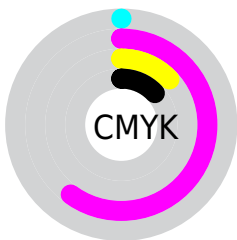
Distribution



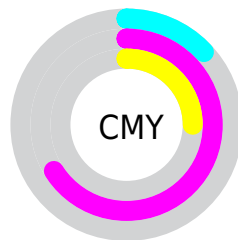
- Red (87%)
- Green (35%)
- Blue (75%)



- Red (87%)
- Yellow (35%)
- Blue (75%)



- Cyan (0%)
- Magenta (60%)
- Yellow (13%)
- Black (13%)



- Cyan (13%)
- Magenta (66%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 139.6230, 45.8840, 60.5400 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 139.6230, 45.8840, 60.5400 by changing the saturation by 10% instead.


 139.6230, 45.8840,
60.5400


 139.6230, 45.8840,
60.5400


255.0000, -0.0000,
-0.0000


 110.2640, 45.5170,
61.6850


 189.7460, 32.1760,
55.6640


 77.3830, 46.8000,
65.9680


 206.8660, 22.5500,
42.8860


 52.8340, 43.9120,
63.2400

 223.8890, 14.5750,
27.7190

 42.0250, 35.5240,
50.0520

 240.9120, 6.6000,
12.5520

 30.9170, 26.5400,
36.6520

 20.9340, 18.7020,
24.5100

 8.1460, 5.8210,

10.1490

■ 0.0000, 0.0000,
0.0000

■ 139.6230, 45.8840,
60.5400

■ 139.6230, 45.8840,
60.5400

■ 126.1390, 53.5390,
70.4910

■ 153.1070, 38.2290,
50.5890

■ 112.6550, 61.1940,
80.4420

■ 166.5910, 30.5740,
40.6380

■ 99.2850, 68.5280,
90.7040

■ 180.0750, 22.9190,
30.6870

■ 85.8010, 76.1830,
100.6550

■ 193.4450, 15.5850,
20.4250

■ 207.5160, 7.6550,
9.9510

■ 221.0000, 0.0000,
0.0000

■ 234.4840, -7.6550,
-9.9510

■ 242.0980,
-12.5600, -14.6720

■ 242.5540,
-13.8440, -13.4280

Harmonies

Analogous

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



142.7860, -18.0270, 45.8850



139.6230, 45.8840, 60.5400



131.6380, 85.0860, 54.9260

Triad

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



139.6230, 45.8840, 60.5400



130.0090, 55.3930, -40.2470



121.9690, -113.3350, -22.0310

Complementary

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



139.6230, 45.8840, 60.5400



169.3770, -45.8840, -60.5400

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.



115.7160, -94.3500, -41.2140



139.6230, 45.8840, 60.5400



121.6590, 6.1080, -55.6520

Square

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



139.6230, 45.8840, 60.5400



131.7120, 87.9870, -14.1970



106.0720, -72.7060, -59.0260



122.5340, -124.5710, -5.6190

Rectangle

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



139.6230, 45.8840, 60.5400



131.4750, 95.1300, 38.0900



106.0720, -72.7060, -59.0260



119.8030, -107.2360, -27.9400

Sweetspot

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



139.6230, 45.8840, 60.5400



226.8580, 15.8600, 20.9480



111.8330, -25.4090, 47.5110



110.1790, 10.2220, 12.9900



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.



139.6230, 45.8840, 60.5400



142.4320, 63.4400, 83.7920



132.0990, 67.0700, 40.0140



103.2010, 3.9880, 4.8200



67.2310, 59.4520, 78.9720



17.8580, 15.8600, 20.9480

Inverse Universe

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



139.6230, 45.8840, 60.5400



142.4320, 63.4400, 83.7920



176.9010, -67.0700, -40.0140



103.2010, 3.9880, 4.8200



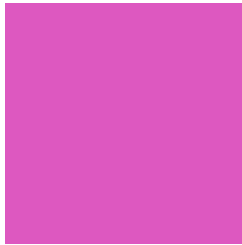
67.2310, 59.4520, 78.9720



17.8580, 15.8600, 20.9480

Previews

White Background



This preview shows how the YIQ color 139.6230, 45.8840, 60.5400 looks on a white background.

Color Contrast Check

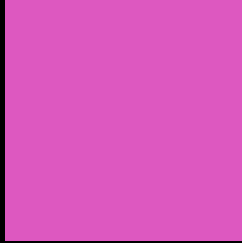
Large Text (above 18pt) WCAG AA ✓ Pass

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 139.6230, 45.8840, 60.5400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

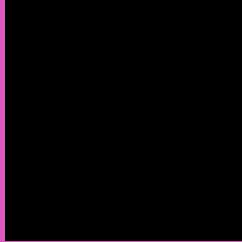
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 139.6230, 45.8840, 60.5400

Background



This preview shows how black text looks on a background with the YIQ color 139.6230, 45.8840, 60.5400.



This preview shows how white text looks on a background with the YIQ color 139.6230, 45.8840,

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

139.6230, 45.8840, 60.5400

Protanopia

137.3650, -51.3550, 22.1250

Deuteranopia

140.8520, -19.5340, 12.6100



Tritanopia

140.1930, 60.3330, 24.4370

Trichromacy



Original Color

139.6230, 45.8840, 60.5400



Protanomaly

137.9460, -15.9620, 35.9900



Deuteranomaly

140.4950, 4.1210, 29.9530



Tritanomaly

140.1730, 55.0580, 37.4420

Monochromacy



Original Color

139.6230, 45.8840, 60.5400



Achromatopsia

140.0000, 0.0000, 0.0000



Achromatomaly

139.6840, 16.4100, 21.9940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 139.6230, 45.8840, 60.5400 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(221, 88, 192)` looks like.

```
.text, #text, p{  
    color:rgb(221, 88, 192)  
}
```

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(221, 88, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 88, 192) }
```

Border

The CSS property to change the border of an element to YIQ 139.6230, 45.8840, 60.5400 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(221, 88, 192) }
```


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

```
.border{ border-color:rgb(221, 88, 192) }
```

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

Here you see how a box with a 4 pixel rgb(221, 88, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 88, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 88, 192);  
box-shadow:4px 4px 4px 4px rgb(221, 88,  
192) }
```

Background

The CSS property to change the background color of an element to YIQ 139.6230, 45.8840, 60.5400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 88, 192) }
```

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

```
.background{ background-color: rgb(221, 88,  
192) }
```

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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