

Converting Colors

YIQ(139.3440, 42.5360, 66.1520)

Have a look what the booklet for
YIQ(139.3440, 42.5360, 66.1520)
contains.

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Color

**YIQ(139.3440, 42.5360,
66.1520)**

Conversions

Conversions Part 1

Format	Color
Hex	DD55CD
RGB	221, 85, 205
RGB Percent	87%, 33%, 80%
CMY	0.1329, 0.6669, 0.1960
CMYK	0.00, 0.62, 0.07, 0.13
HSL	307°, 67%, 60%
HSV	307°, 62%, 87%
XYZ	44.1155, 26.2849, 60.5182
YIQ	139.3440, 42.5360, 66.1520

Conversions

Conversions Part 2

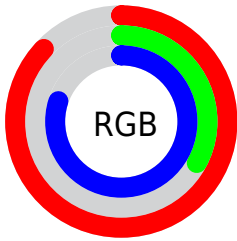
Format	Color
R _Y B	221, 85, 205
Decimal	14505421
CIE Lab	58.31, 66.84, -36.32
CIE LCh	58, 76.074, 331.478
Yxy	26.2849, 0.3370, 0.2008
Android (android.graphics.Color)	4292695501 (0xFFDD55CD)
YUV	139.3440, 32.3684, 71.6123
Hunter-Lab	51.2688, 63.8746, -34.0984

Details

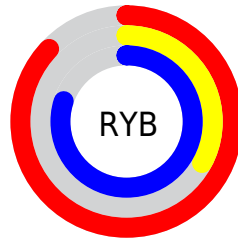
The YIQ color **139.3440, 42.5360, 66.1520** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **166.6560, -42.5360, -66.1520**, and the grayscale version is **139.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **188.6690, 31.0750, 59.0990**, and **73.4680, 45.4230, 74.4070** is the 20% darker color. If you saturate the color by 10%, you get **126.0880, 49.5490, 76.7250**, and if you desaturate by 10%, it is **152.6000, 35.5230, 55.5790**.

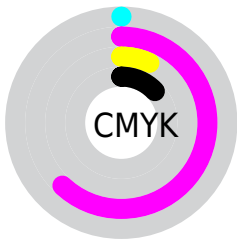
Distribution



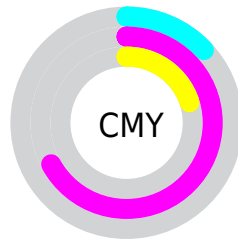
- Red (87%)
- Green (33%)
- Blue (80%)



- Red (87%)
- Yellow (33%)
- Blue (80%)



- Cyan (0%)
- Magenta (62%)
- Yellow (7%)
- Black (13%)



- Cyan (13%)
- Magenta (67%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 139.3440, 42.5360, 66.1520 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 139.3440, 42.5360, 66.1520 by changing the saturation by 10% instead.

139.3440, 42.5360,
66.1520

139.3440, 42.5360,
66.1520

255.0000, -0.0000,
-0.0000

109.8710, 42.4900,
66.9860

188.6690, 31.0750,
59.0990

73.4680, 45.4230,
74.4070

205.6920, 23.1000,
43.9320

54.2020, 40.0600,
66.9720

222.7150, 15.1250,
28.7650

42.9800, 31.3970,
53.2610

239.7380, 7.1500,
13.5980

32.0570, 23.3300,
39.7620

21.9600, 15.8130,
27.3090

9.5850, 3.2070,

13.4710

■ 0.0000, 0.0000,
0.0000

■ 139.3440, 42.5360,
66.1520

■ 139.3440, 42.5360,
66.1520

■ 126.0880, 49.5490,
76.7250

■ 152.6000, 35.5230,
55.5790

■ 112.9460, 56.2410,
87.6090

■ 165.7420, 28.8310,
44.6950

■ 99.6900, 63.2540,
98.1820

■ 178.9980, 21.8180,
34.1220

■ 88.3090, 69.1210,
107.4970

■ 192.1400, 15.1260,
23.2380

■ 205.9830, 7.8380,
12.1420

■ 219.2390, 0.8250,
1.5690

■ 232.3810, -5.8670,
-9.3150

■ 241.5280,
-10.9550, -16.2270

■ 241.8700,
-11.9180, -15.2940

Harmonies

Analogous

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



141.6580, -32.2860, 45.4900



139.3440, 42.5360, 66.1520



127.1260, 89.9440, 66.0080

Triad

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



139.3440, 42.5360, 66.1520



131.2270, 60.7110, -37.5050



122.9150, -113.2430, -23.6990

Complementary

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



139.3440, 42.5360, 66.1520



166.6560, -42.5360, -66.1520

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.



115.3910, -92.0570, -44.2250



139.3440, 42.5360, 66.1520



120.8740, 15.5080, -60.8120

Square

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



139.3440, 42.5360, 66.1520



130.3390, 99.4030, -11.8370



105.0630, -68.4870, -63.9030



124.7510, -126.6800, -5.9440

Rectangle

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



139.3440, 42.5360, 66.1520



127.1050, 102.4640, 48.3520



105.0630, -68.4870, -63.9030



121.1080, -106.7770, -30.7530

Sweetspot

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



139.3440, 42.5360, 66.1520



227.4280, 14.2550, 22.5030



105.2880, -34.1200, 45.6880



110.5210, 9.2590, 13.9230



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.



139.3440, 42.5360, 66.1520



141.5490, 59.0370, 92.0050



131.5920, 64.3640, 45.0040



103.3150, 3.6670, 5.1310



69.1690, 53.9950, 84.2590



18.3140, 14.5760, 22.1920

Inverse Universe

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



139.3440, 42.5360, 66.1520



141.5490, 59.0370, 92.0050



174.4080, -64.3640, -45.0040



103.3150, 3.6670, 5.1310



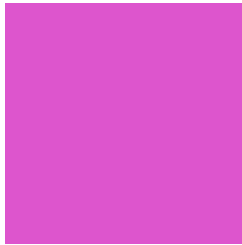
69.1690, 53.9950, 84.2590



18.3140, 14.5760, 22.1920

Previews

White Background



This preview shows how the YIQ color 139.3440, 42.5360, 66.1520 looks on a white background.

Color Contrast Check

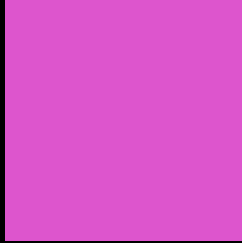
Large Text (above 18pt) WCAG AA ✓ Pass

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 139.3440, 42.5360, 66.1520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

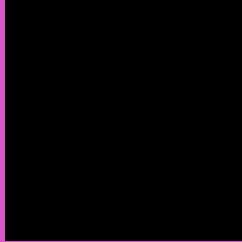
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 139.3440, 42.5360, 66.1520

Background



This preview shows how black text looks on a background with the YIQ color 139.3440, 42.5360, 66.1520.



This preview shows how white text looks on a background with the YIQ color 139.3440, 42.5360,

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

139.3440, 42.5360, 66.1520

Protanopia

135.2310, -65.4770, 24.7550

Deuteranopia

140.1160, -29.0250, 13.9110



Tritanopia

140.7090, 58.8200, 24.3240

Trichromacy



Original Color

139.3440, 42.5360, 66.1520



Protanomaly

136.6060, -26.5080, 39.8920



Deuteranomaly

139.4820, -3.0320, 32.9360



Tritanomaly

139.9710, 52.8110, 39.6190

Monochromacy



Original Color

139.3440, 42.5360, 66.1520



Achromatopsia

139.0000, -0.0000, 0.0000



Achromatomaly

138.9660, 15.6760, 24.2840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 139.3440, 42.5360, 66.1520 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, 85, 205)` looks like.

```
.text, #text, p{  
    color:rgb(221, 85, 205)  
}
```

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, 85, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 85, 205) }
```

Border

The CSS property to change the border of an element to YIQ 139.3440, 42.5360, 66.1520 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, 85, 205) }
```


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

```
.border{ border-color:rgb(221, 85, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 85, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 85, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 85, 205);  
box-shadow:4px 4px 4px 4px rgb(221, 85,  
205) }
```

Background

The CSS property to change the background color of an element to YIQ 139.3440, 42.5360, 66.1520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 85, 205) }
```

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

```
.background{ background-color: rgb(221, 85,  
205) }
```

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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