

Converting Colors

YIQ(133.6240, 45.2840, 82.4360)

Have a look what the booklet for
YIQ(133.6240, 45.2840, 82.4360)
contains.

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Color

**YIQ(133.6240, 45.2840,
82.4360)**

Conversions

Conversions Part 1

Format	Color
Hex	E444E0
RGB	228, 68, 224
RGB Percent	89%, 27%, 88%
CMY	0.1054, 0.7336, 0.1215
CMYK	0.00, 0.70, 0.02, 0.11
HSL	302°, 75%, 58%
HSV	302°, 70%, 89%
XYZ	47.5532, 26.0227, 73.0482
YIQ	133.6240, 45.2840, 82.4360

Conversions

Conversions Part 2

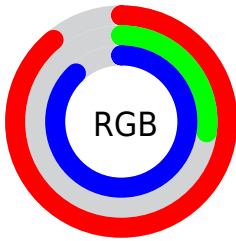
Format	Color
R _Y B	228, 68, 224
Decimal	14959840
CIE Lab	58.06, 77.71, -47.40
CIE LCh	58, 91.028, 328.622
Yxy	26.0227, 0.3243, 0.1775
Android (android.graphics.Color)	4293149920 (0xFFE444E0)
YUV	133.6240, 44.5554, 82.7678
Hunter-Lab	51.0125, 77.1239, -49.1927

Details

The YIQ color **133.6240, 45.2840, 82.4360** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **162.3760, -45.2840, -82.4360**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.0380, 34.6500, 65.8980**, and **69.6830, 46.7960, 88.0760** is the 20% darker color. If you saturate the color by 10%, you get **120.0090, 51.9300, 94.1540**, and if you desaturate by 10%, it is **147.2390, 38.6380, 70.7180**.

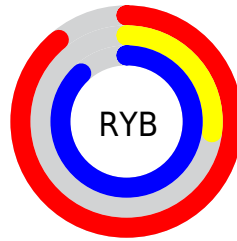
Distribution



Red (89%)

Green (27%)

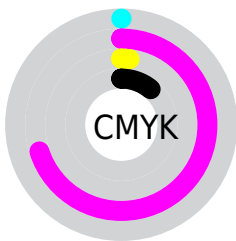
Blue (88%)



Red (89%)

Yellow (27%)

Blue (88%)

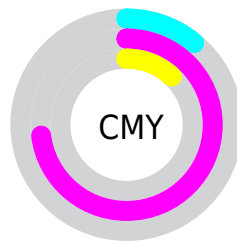


Cyan (0%)

Magenta (70%)

Yellow (2%)

Black (11%)



Cyan (11%)

Magenta (73%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 133.6240, 45.2840, 82.4360 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 133.6240, 45.2840, 82.4360 by changing the saturation by 10% instead.

133.6240, 45.2840,
82.4360

133.6240, 45.2840,
82.4360

255.0000, -0.0000,
-0.0000

97.9820, 47.3920,
88.2880

181.0380, 34.6500,
65.8980

69.6830, 46.7960,
88.0760

198.6480, 26.4000,
50.2080

57.9340, 38.1790,
73.5310

215.6710, 18.4250,
35.0410

46.2990, 29.2410,
59.2970

233.2810, 10.1750,
19.3510

35.0770, 20.5780,
45.5860

250.8910, 1.9250,
3.6610

24.5670, 12.7860,
32.6100

12.2630, 1.4180,

18.3620

■ 2.8670, -6.6950,
5.6970

■ 0.0000, 0.0000,
0.0000

■ 133.6240, 45.2840,
82.4360

■ 133.6240, 45.2840,
82.4360

■ 120.0090, 51.9300,
94.1540

■ 147.2390, 38.6380,
70.7180

■ 106.5080, 58.2550,
106.1830

■ 160.7400, 32.3130,
58.6890

■ 93.4800, 64.6260,
117.3780

■ 173.7680, 25.9420,
47.4940

■ 187.2690, 19.6170,
35.4650

200.8840, 12.9710,
23.7470

214.4990, 6.3250,
12.0290

228.0000, 0.0000,
0.0000

241.0280, -6.3710,
-11.1950

243.9630, -7.7460,
-13.8100

Harmonies

Analogous

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



133.5960, -46.9110, 40.7130



133.6240, 45.2840, 82.4360



93.0030, 104.7930, 99.7770

Triad

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



133.6240, 45.2840, 82.4360



130.6730, 65.3870, -34.1410



125.9470, -116.2690, -23.9250

Complementary

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



133.6240, 45.2840, 82.4360



162.3760, -45.2840, -82.4360

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.



116.1260, -89.9930, -48.5930



133.6240, 45.2840, 82.4360



119.3790, 12.5280, -61.8720

Square

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



133.6240, 45.2840, 82.4360



127.4810, 111.0470, -2.5930



103.2730, -60.6910, -73.0350



127.6860, -128.0550, -8.5590

Rectangle

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



133.6240, 45.2840, 82.4360



91.6570, 119.6060, 79.1100



103.2730, -60.6910, -73.0350



123.0970, -108.2440, -31.7000

Sweetspot

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



133.6240, 45.2840, 82.4360



223.1880, 15.1710, 27.9310



87.1370, -49.5720, 50.3960



109.1020, 9.1210, 16.4250



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.



133.6240, 45.2840, 82.4360



128.8120, 60.4550, 110.3670



124.6180, 70.6430, 57.8670



107.8420, 3.6210, 5.9650



73.3570, 50.8300, 92.0620



20.9490, 14.3460, 26.3620

Inverse Universe

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



133.6240, 45.2840, 82.4360



128.8120, 60.4550, 110.3670



171.3820, -70.6430, -57.8670



107.8420, 3.6210, 5.9650



73.3570, 50.8300, 92.0620



20.9490, 14.3460, 26.3620

Previews

White Background



This preview shows how the YIQ color 133.6240, 45.2840, 82.4360 looks on a white background.

Color Contrast Check

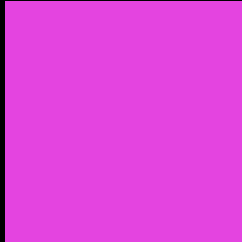
Large Text (above 18pt) WCAG AA ✓ Pass

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 133.6240, 45.2840, 82.4360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

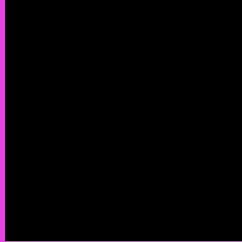
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 133.6240, 45.2840, 82.4360

Background



This preview shows how black text looks on a background with the YIQ color 133.6240, 45.2840, 82.4360.



This preview shows how white text looks on a background with the YIQ color 133.6240, 45.2840,

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

133.6240, 45.2840, 82.4360

Protanopia

132.5230, -72.1710, 24.9250

Deuteranopia

136.9710, -44.6140, 15.5940



Tritanopia

138.9870, 63.9090, 25.7090

Trichromacy



Original Color

133.6240, 45.2840, 82.4360



Protanomaly

132.7400, -29.5810, 46.0270



Deuteranomaly

135.6200, -11.9280, 39.9760



Tritanomaly

137.2260, 56.7070, 46.1070

Monochromacy



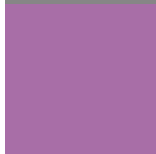
Original Color

133.6240, 45.2840, 82.4360



Achromatopsia

134.0000, -0.0000, -0.0000



Achromatomaly

133.8400, 16.2710, 30.0230

CSS Examples

Text

The CSS property to change the color of the text to YIQ 133.6240, 45.2840, 82.4360 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(228, 68, 224)` looks like.

```
.text, #text, p{  
    color:rgb(228, 68, 224)  
}
```

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(228, 68, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 68, 224) }
```

Border

The CSS property to change the border of an element to YIQ 133.6240, 45.2840, 82.4360 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(228, 68, 224) }
```


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

```
.border{ border-color:rgb(228, 68, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 68, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 68, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 68, 224);  
box-shadow:4px 4px 4px 4px rgb(228, 68,  
224) }
```

Background

The CSS property to change the background color of an element to YIQ 133.6240, 45.2840, 82.4360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 68, 224) }
```

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

```
.background{ background-color: rgb(228, 68,  
224) }
```

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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