

Converting Colors

YIQ(137.3480, 72.2440, 78.4200)

Have a look what the booklet for
YIQ(137.3480, 72.2440, 78.4200)
contains.

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Color

**YIQ(137.3480, 72.2440,
78.4200)**

Conversions

Conversions Part 1

Format	Color
Hex	FF43BF
RGB	255, 67, 191
RGB Percent	100%, 26%, 75%
CMY	0.0000, 0.7375, 0.2508
CMYK	0.00, 0.74, 0.25, 0.00
HSL	320°, 100%, 63%
HSV	320°, 74%, 100%
XYZ	52.6518, 29.0287, 52.1463
YIQ	137.3480, 72.2440, 78.4200

Conversions

Conversions Part 2

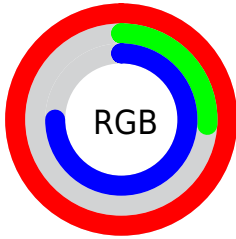
Format	Color
R _Y B	255, 67, 191
Decimal	16729023
CIE Lab	60.81, 79.58, -24.05
CIE LCh	61, 83.131, 343.183
Yxy	29.0287, 0.3934, 0.2169
Android (android.graphics.Color)	4294919103 (0xFFFF43BF)
YUV	137.3480, 26.4504, 103.1808
Hunter-Lab	53.8783, 80.1497, -19.6693

Details

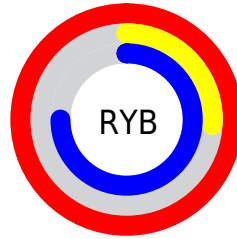
The YIQ color **137.3480, 72.2440, 78.4200** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed rose. A complement of this color would be **184.6520, -72.2440, -78.4200**, and the grayscale version is **137.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **181.4140, 36.3470, 62.6750**, and **73.6240, 71.6470, 83.7350** is the 20% darker color. If you saturate the color by 10%, you get **121.0600, 82.2830, 89.2190**, and if you desaturate by 10%, it is **153.0490, 62.4800, 68.1440**.

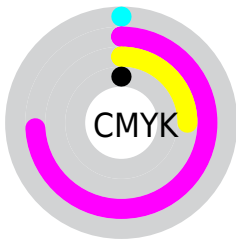
Distribution



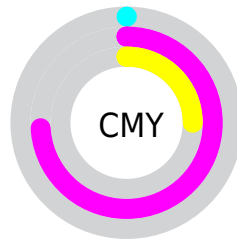
- Red (100%)
- Green (26%)
- Blue (75%)



- Red (100%)
- Yellow (26%)
- Blue (75%)



- Cyan (0%)
- Magenta (74%)
- Yellow (25%)
- Black (0%)





- Cyan (0%)
- Magenta (74%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 137.3480, 72.2440, 78.4200 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 137.3480, 72.2440, 78.4200 by changing the saturation by 10% instead.


 137.3480, 72.2440,
78.4200


 137.3480, 72.2440,
78.4200


255.0000, -0.0000,
-0.0000


 98.5860, 74.8100,
86.9860


 181.4140, 36.3470,
62.6750


 73.6240, 71.6470,
83.7350


 199.8220, 25.8500,
49.1620

 61.8040, 61.7920,
69.6000


 217.4320, 17.6000,
33.4720

 49.9840, 51.9370,
55.4650

 235.0420, 9.3500,
17.7820

 38.6910, 42.0360,
42.1640

 252.6520, 1.1000,
2.0920

 27.8110, 32.4100,
29.3860

 16.2190, 21.9130,

15.8730

■ 0.0000, 0.0000,
0.0000

■ 137.3480, 72.2440,
78.4200

■ 137.3480, 72.2440,
78.4200

■ 121.0600, 82.2830,
89.2190

■ 153.0490, 62.4800,
68.1440

■ 105.4730, 91.7260,
99.8060

■ 169.2230, 52.7620,
57.0340

■ 95.3970, 98.0520,
106.3080

■ 184.9240, 42.9980,
46.7580

■ 201.2120, 32.9590,
35.9590

■ 216.7990, 23.5160,
25.3720

233.0870, 13.4770,
14.5730

248.7880, 3.7130,
4.2970

255.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



149.8520, -0.0570, 61.6310



137.3480, 72.2440, 78.4200



121.3950, 99.2520, 62.5160

Triad

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



137.3480, 72.2440, 78.4200



134.3510, 45.2620, -49.3780



131.9430, -127.6410, -16.0650

Complementary

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



137.3480, 72.2440, 78.4200



184.6520, -72.2440, -78.4200

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.



125.3650, -106.3630, -38.2590



137.3480, 72.2440, 78.4200



116.3750, -17.1800, -74.1400

Square

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



137.3480, 72.2440, 78.4200



137.9260, 89.9600, -22.4240



114.8260, -80.8210, -60.6370



127.0990, -127.7800, -8.0360

Rectangle

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



137.3480, 72.2440, 78.4200



129.5380, 108.0140, 35.8700



114.8260, -80.8210, -60.6370



130.2500, -121.4960, -22.8080

Sweetspot

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



137.3480, 72.2440, 78.4200



219.9620, 21.4990, 23.3790



107.2690, -22.8000, 71.8240



106.6740, 13.2020, 14.0500



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.



137.3480, 72.2440, 78.4200



112.9730, 87.1420, 94.7740



126.7460, 102.0970, 49.4970



119.7990, 5.1800, 5.2440



71.4730, 73.3900, 79.6780



23.9240, 24.6620, 26.6300

Inverse Universe

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



137.3480, 72.2440, 78.4200



112.9730, 87.1420, 94.7740



195.2540, -102.0970, -49.4970



119.7990, 5.1800, 5.2440



71.4730, 73.3900, 79.6780



23.9240, 24.6620, 26.6300

Previews

White Background



This preview shows how the YIQ color 137.3480, 72.2440, 78.4200 looks on a white background.

Color Contrast Check

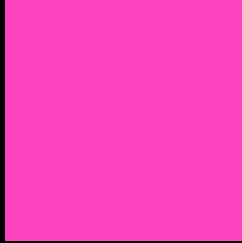
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.3480, 72.2440, 78.4200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

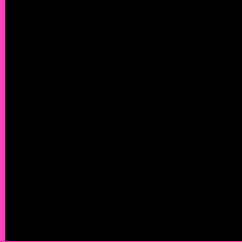
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 137.3480, 72.2440, 78.4200

Background



This preview shows how black text looks on a background with the YIQ color 137.3480, 72.2440, 78.4200.



This preview shows how white text looks on a background with the YIQ color 137.3480, 72.2440,

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

137.3480, 72.2440, 78.4200

Protanopia

143.5260, -59.0580, 24.0620

Deuteranopia

148.2180, -11.8770, 11.5070



Tritanopia

141.3170, 89.5830, 33.9910

Trichromacy



Original Color

137.3480, 72.2440, 78.4200



Protanomaly

141.4400, -11.2410, 44.0470



Deuteranomaly

144.1980, 18.3790, 35.8750



Tritanomaly

140.1060, 83.5280, 50.1200

Monochromacy



Original Color

137.3480, 72.2440, 78.4200



Achromatopsia

137.0000, -0.0000, 0.0000



Achromatomaly

137.4620, 26.0830, 28.4110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.3480, 72.2440, 78.4200 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(255, 67, 191)` looks like.

```
.text, #text, p{  
    color:rgb(255, 67, 191)  
}
```

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(255, 67, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 67, 191) }
```

Border

The CSS property to change the border of an element to YIQ 137.3480, 72.2440, 78.4200 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(255, 67, 191) }
```


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

```
.border{ border-color:rgb(255, 67, 191) }
```

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

Here you see how a box with a 4 pixel rgb(255, 67, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 67, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 67, 191);  
box-shadow:4px 4px 4px 4px rgb(255, 67,  
191) }
```

Background

The CSS property to change the background color of an element to YIQ 137.3480, 72.2440, 78.4200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 67, 191) }
```

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

```
.background{ background-color: rgb(255, 67,  
191) }
```

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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