

Converting Colors

Yxy(34.0636, 0.4348, 0.2837)

Have a look what the booklet for
Yxy(34.0636, 0.4348, 0.2837)
contains.

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Color

Yxy(34.0753, 0.4344, 0.2833)

Conversions

Conversions Part 1

Format	Color
Hex	FF6B99
RGB	255, 107, 153
RGB Percent	100%, 42%, 60%
CMY	0.0000, 0.5804, 0.4000
CMYK	0.00, 0.58, 0.40, 0.00
HSL	341°, 100%, 71%
HSV	341°, 58%, 100%
XYZ	52.2496, 34.0753, 33.9550
YIQ	156.4960, 73.4420, 45.6820

Conversions

Conversions Part 2

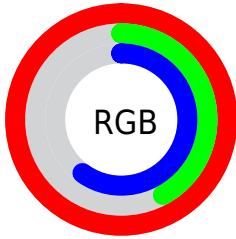
Format	Color
R _Y B	255, 107, 153
Decimal	16739225
CIE Lab	65.02, 60.36, 4.07
CIE LCh	65, 60.495, 3.855
Yxy	34.0753, 0.4344, 0.2833
Android (android.graphics.Color)	4294929305 (0xFFFF6B99)
YUV	156.4960, -1.7235, 86.3880
Hunter-Lab	58.3741, 57.6176, 6.3740

Details

The Yxy color **34.0753, 0.4344, 0.2833** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **79.2499, 0.2597, 0.3858**, and the grayscale version is **33.4610, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.3159, 0.3580, 0.2847**, and **14.5425, 0.4736, 0.2680** is the 20% darker color. If you saturate the color by 10%, you get **28.9805, 0.4688, 0.2794**, and if you desaturate by 10%, it is **40.8224, 0.4037, 0.2898**.

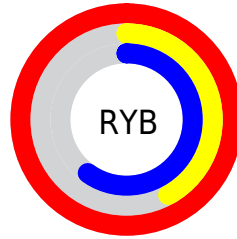
Distribution



Red (100%)

Green (42%)

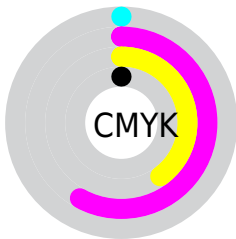
Blue (60%)



Red (100%)

Yellow (42%)

Blue (60%)

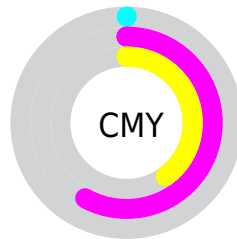


Cyan (0%)

Magenta (58%)

Yellow (40%)

Black (0%)



Cyan (0%)


Magenta (58%)

Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.0753, 0.4344, 0.2833 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 Yxy color 34.0753, 0.4344, 0.2833 by changing the saturation by 10% instead.


 34.0753, 0.4344,
0.2833


 34.0753, 0.4344,
0.2833

320.4677, 0.3706,
0.3079

 22.9515, 0.4512,
0.2766


 66.0507, 0.4106,
0.2926


 14.5577, 0.4731,
0.2678


 87.6711, 0.4018,
0.2960

 8.5095, 0.5029,
0.2556


 113.5592, 0.3945,
0.2988

 4.4227, 0.5454,
0.2378

 144.0992, 0.3882,
0.3012

 1.9127, 0.6099,
0.2099

179.6757, 0.3829,
0.3032

 0.5560, 0.7489,
0.1592

220.6730, 0.3782,

 0.0000, 1.0000,

0.3050

0.0000

267.4755, 0.3742,
0.3065

■ 0.0000, 0.0000,
0.0000

■ 34.0753, 0.4344,
0.2833

■ 34.0753, 0.4344,
0.2833

■ 28.9805, 0.4688,
0.2794

■ 40.8224, 0.4037,
0.2898

■ 25.3925, 0.5052,
0.2794

■ 49.3509, 0.3773,
0.2977

■ 23.1392, 0.5407,
0.2841

■ 59.7764, 0.3553,
0.3061

■ 21.9882, 0.5717,
0.2934

■ 72.2049, 0.3373,
0.3146

■ 21.8280, 0.5773,
0.2954

■ 86.7343, 0.3225,
0.3228

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



34.0753, 0.3406, 0.2323



34.0753, 0.4344, 0.2833



34.0753, 0.4908, 0.3451

Triad

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



34.0753, 0.4344, 0.2833



34.0753, 0.3528, 0.5033



34.0753, 0.1606, 0.2143

Complementary

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



34.0753, 0.4344, 0.2833



79.2499, 0.2597, 0.3858

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.



34.0753, 0.1621, 0.2718



34.0753, 0.4344, 0.2833



34.0753, 0.2663, 0.4653

Square

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



34.0753, 0.4344, 0.2833



34.0753, 0.4334, 0.4723



34.0753, 0.1974, 0.3670



34.0753, 0.1899, 0.1930

Rectangle

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



34.0753, 0.4344, 0.2833



34.0753, 0.4948, 0.3888



34.0753, 0.1974, 0.3670



34.0753, 0.1576, 0.2291

Sweetspot

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



34.0751, 0.4344, 0.2833



73.6150, 0.3356, 0.3155



31.1648, 0.2764, 0.1745



15.1774, 0.3389, 0.3138



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



34.0751, 0.4344, 0.2833



28.1630, 0.4759, 0.2791



39.4088, 0.4741, 0.3563



18.0800, 0.3245, 0.3216



11.4290, 0.5730, 0.2930



1.1315, 0.5410, 0.2754

Inverse Universe

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



34.0751, 0.4344, 0.2833



28.1630, 0.4759, 0.2791



65.7594, 0.2333, 0.2960



18.0800, 0.3245, 0.3216



11.4290, 0.5730, 0.2930



1.1315, 0.5410, 0.2754

Previews

White Background



This preview shows how the Yxy color 34.0753, 0.4344, 0.2833 looks on a white background.

Color Contrast Check

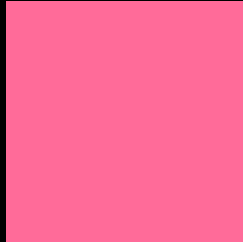
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 34.0753, 0.4344, 0.2833 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 ✓ Pass

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

Yxy 34.0753, 0.4344, 0.2833

Background



This preview shows how black text looks on a background with the Yxy color 34.0753, 0.4344, 0.2833.



This preview shows how white text looks on a background with the Yxy color 34.0753, 0.4344, 0.2833.

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

34.0753, 0.4344, 0.2833

Protanopia

34.3614, 0.2884, 0.2930

Deuteranopia

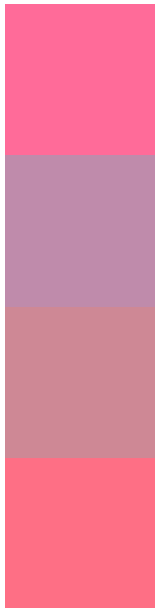
34.3228, 0.3451, 0.3390



Tritanopia

34.0734, 0.4705, 0.3215

Trichromacy



Original Color

34.0753, 0.4344, 0.2833

Protanomaly

32.4819, 0.3359, 0.2866

Deuteranomaly

32.9001, 0.3769, 0.3125

Tritanomaly

34.1332, 0.4575, 0.3074

Monochromacy



Original Color

34.0753, 0.4344, 0.2833

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

31.7500, 0.3543, 0.3062

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.0753, 0.4344, 0.2833 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, 107, 153)` looks like.

```
.text, #text, p{  
    color:rgb(255, 107, 153)  
}
```

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, 107, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 107, 153) }
```

Border

The CSS property to change the border of an element to Yxy 34.0753, 0.4344, 0.2833 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, 107, 153) }
```

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

```
.border{ border-color:rgb(255, 107, 153) }
```

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

Here you see how a box with a 4 pixel rgb(255, 107, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 107, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 107, 153);  
box-shadow:4px 4px 4px 4px rgb(255, 107,  
153) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 34.0753, 0.4344, 0.2833$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 107, 153) }
```

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

```
.background{ background-color: rgb(255,  
107, 153) }
```

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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