

Converting Colors

$Yxy(34.0472, 0.3970, 0.2546)$

Have a look what the booklet for
Yxy(34.0472, 0.3970, 0.2546)
contains.

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Color

Yxy(34.0720, 0.3973, 0.2551)

Conversions

Conversions Part 1

Format	Color
Hex	FB6AB3
RGB	251, 106, 179
RGB Percent	98%, 42%, 70%
CMY	0.0158, 0.5842, 0.2980
CMYK	0.00, 0.58, 0.29, 0.02
HSL	330°, 95%, 70%
HSV	330°, 58%, 98%
XYZ	53.0647, 34.0720, 46.4266
YIQ	157.6770, 62.9870, 53.4430

Conversions

Conversions Part 2

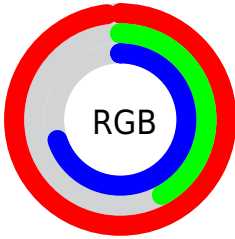
Format	Color
R _Y B	251, 106, 179
Decimal	16476851
CIE Lab	65.02, 62.49, -10.84
CIE LCh	65, 63.422, 350.155
Yxy	34.0720, 0.3973, 0.2551
Android (android.graphics.Color)	4294666931 (0xFFFB6AB3)
YUV	157.6770, 10.5122, 81.8443
Hunter-Lab	58.3712, 60.1229, -6.2975

Details

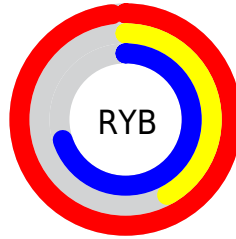
The Yxy color **34.0720, 0.3973, 0.2551** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **75.2535, 0.2726, 0.4232**, and the grayscale version is **33.9740, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.4525, 0.3333, 0.2569**, and **14.5367, 0.4235, 0.2347** is the 20% darker color. If you saturate the color by 10%, you get **29.1521, 0.4202, 0.2468**, and if you desaturate by 10%, it is **40.5540, 0.3767, 0.2663**.

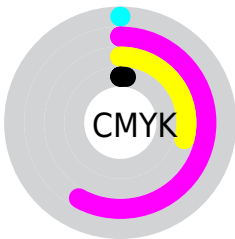
Distribution



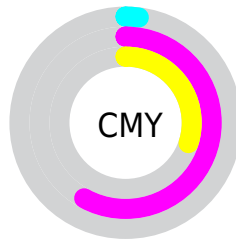
- Red (98%)
- Green (42%)
- Blue (70%)



- Red (98%)
- Yellow (42%)
- Blue (70%)



- Cyan (0%)
- Magenta (58%)
- Yellow (29%)
- Black (2%)





- Cyan (2%)
- Magenta (58%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.0720, 0.3973, 0.2551 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 34.0720, 0.3973, 0.2551 by changing the saturation by 10% instead.


 34.0720, 0.3973,
0.2551


 34.0720, 0.3973,
0.2551


320.4530, 0.3541,
0.2918


 22.9489, 0.4083,
0.2461


 66.0456, 0.3814,
0.2684


 14.5558, 0.4226,
0.2346


 87.6649, 0.3755,
0.2734

 8.5082, 0.4418,
0.2195


 113.5518, 0.3705,
0.2776

 4.4218, 0.4688,
0.1989

 144.0906, 0.3662,
0.2813

 1.9122, 0.5092,
0.1696

179.6657, 0.3626,
0.2844

 0.5557, 0.5799,
0.1181

220.6616, 0.3594,

 0.0000, 0.8651,

0.2872

0.0000

267.4625, 0.3566,
0.2896

■ 0.0000, 0.0000,
0.0000

■ 34.0720, 0.3973,
0.2551

■ 34.0720, 0.3973,
0.2551

■ 29.1521, 0.4202,
0.2468

■ 40.5540, 0.3767,
0.2663

■ 25.6518, 0.4446,
0.2426

■ 48.7140, 0.3587,
0.2792

■ 23.4110, 0.4694,
0.2436

■ 58.6626, 0.3434,
0.2927

■ 22.2144, 0.4932,
0.2501

■ 70.4996, 0.3305,
0.3063

■ 22.0178, 0.4985,
0.2520

■ 84.3171, 0.3197,
0.3194

99.1639, 0.3109,
0.3302

99.2427, 0.3102,
0.3290

Harmonies

Analogous

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



34.0720, 0.2961, 0.2106



34.0720, 0.3973, 0.2551



34.0720, 0.4796, 0.3147

Triad

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



34.0720, 0.3973, 0.2551



34.0720, 0.3937, 0.5029



34.0720, 0.1516, 0.2311

Complementary

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



34.0720, 0.3973, 0.2551



75.2535, 0.2726, 0.4232

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.



34.0720, 0.1681, 0.3099



34.0720, 0.3973, 0.2551



34.0720, 0.3038, 0.5015

Square

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



34.0720, 0.3973, 0.2551



34.0720, 0.4681, 0.4493



34.0720, 0.2210, 0.4201



34.0720, 0.1674, 0.1936

Rectangle

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



34.0720, 0.3973, 0.2551



34.0720, 0.5033, 0.3586



34.0720, 0.2210, 0.4201



34.0720, 0.1533, 0.2526

Sweetspot

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



34.0737, 0.3973, 0.2551



74.0825, 0.3296, 0.3073



26.5195, 0.2511, 0.1645



15.2873, 0.3320, 0.3046



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.



34.0737, 0.3973, 0.2551



29.6725, 0.4233, 0.2459



31.9116, 0.4887, 0.3272



17.3710, 0.3215, 0.3171



11.6066, 0.4948, 0.2499



1.0964, 0.4684, 0.2354

Inverse Universe

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



34.0737, 0.3973, 0.2551



29.6725, 0.4233, 0.2459



78.8504, 0.2417, 0.3316



17.3710, 0.3215, 0.3171



11.6066, 0.4948, 0.2499



1.0964, 0.4684, 0.2354

Previews

White Background



This preview shows how the Yxy color 34.0720, 0.3973, 0.2551 looks on a white background.

Color Contrast Check

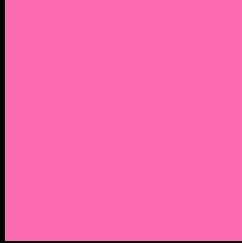
Large Text (above 18pt) WCAG AA × Fail

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 34.0720, 0.3973, 0.2551 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

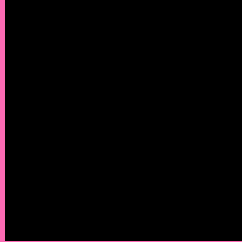
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.0720, 0.3973, 0.2551

Background



This preview shows how black text looks on a background with the Yxy color 34.0720, 0.3973, 0.2551.



This preview shows how white text looks on a background with the Yxy color 34.0720, 0.3973, 0.2551.

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

34.0720, 0.3973, 0.2551

Protanopia

34.3318, 0.2557, 0.2504

Deuteranopia

34.3052, 0.3090, 0.3034



Tritanopia

34.0561, 0.4549, 0.3211

Trichromacy



Original Color

34.0720, 0.3973, 0.2551



Protanomaly

32.3391, 0.2978, 0.2474



Deuteranomaly

32.9922, 0.3394, 0.2801



Tritanomaly

34.0354, 0.4349, 0.2970

Monochromacy



Original Color

34.0720, 0.3973, 0.2551



Achromatopsia

34.1914, 0.3127, 0.3290



Achromatomaly

32.4249, 0.3422, 0.2931

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.0720, 0.3973, 0.2551 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(251, 106, 179)` looks like.

```
.text, #text, p{  
    color:rgb(251, 106, 179)  
}
```

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(251, 106, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 106, 179) }
```

Border

The CSS property to change the border of an element to Yxy 34.0720, 0.3973, 0.2551 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(251, 106, 179) }
```

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

```
.border{ border-color:rgb(251, 106, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 106, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 106, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 106, 179);  
box-shadow:4px 4px 4px 4px rgb(251, 106,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 34.0720, 0.3973, 0.2551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 106, 179) }
```

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

```
.background{ background-color: rgb(251,  
106, 179) }
```

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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