

Converting Colors

Yxy(33.0349, 0.3723, 0.2299)

Have a look what the booklet for
Yxy(33.0349, 0.3723, 0.2299)
contains.

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Color

Yxy(32.9574, 0.3724, 0.2300)

Conversions

Conversions Part 1

Format	Color
Hex	F863C6
RGB	248, 99, 198
RGB Percent	97%, 39%, 78%
CMY	0.0275, 0.6117, 0.2235
CMYK	0.00, 0.60, 0.20, 0.03
HSL	320°, 91%, 68%
HSV	320°, 60%, 97%
XYZ	53.3623, 32.9574, 56.9733
YIQ	154.8370, 57.0250, 62.3770

Conversions

Conversions Part 2

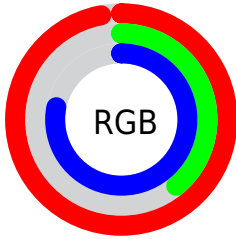
Format	Color
R _Y B	248, 99, 198
Decimal	16278470
CIE Lab	64.13, 67.11, -23.01
CIE LCh	64, 70.944, 341.070
Yxy	32.9574, 0.3724, 0.2300
Android (android.graphics.Color)	4294468550 (0xFFFF863C6)
YUV	154.8370, 21.2794, 81.7040
Hunter-Lab	57.4085, 65.4542, -18.6545

Details

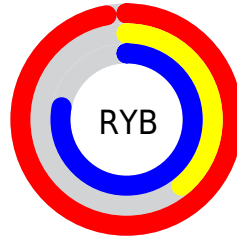
The Yxy color **32.9574, 0.3724, 0.2300** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **71.9507, 0.2828, 0.4610**, and the grayscale version is **32.5915, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.5939, 0.3172, 0.2338**, and **13.9070, 0.3881, 0.2046** is the 20% darker color. If you saturate the color by 10%, you get **28.5850, 0.3867, 0.2192**, and if you desaturate by 10%, it is **38.7963, 0.3591, 0.2441**.

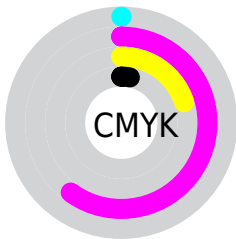
Distribution



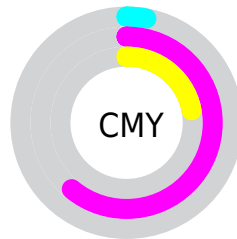
- Red (97%)
- Green (39%)
- Blue (78%)



- Red (97%)
- Yellow (39%)
- Blue (78%)



- Cyan (0%)
- Magenta (60%)
- Yellow (20%)
- Black (3%)




- Cyan (3%)
- Magenta (61%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.9574, 0.3724, 0.2300 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 32.9574, 0.3724, 0.2300 by changing the saturation by 10% instead.


 32.9574, 0.3724,
0.2300

 32.9574, 0.3724,
0.2300


315.4577, 0.3432,
0.2776


 22.0938, 0.3795,
0.2188


 64.3090, 0.3619,
0.2468


 13.9258, 0.3884,
0.2048


 85.5658, 0.3580,
0.2533

 8.0691, 0.3999,
0.1869

 111.0558, 0.3546,
0.2588

 4.1392, 0.4154,
0.1634

 141.1635, 0.3517,
0.2636

 1.7517, 0.4370,
0.1318

176.2731, 0.3491,
0.2678

 0.4568, 0.4740,
0.0782

216.7690, 0.3469,

 0.0000, 0.5341,

0.2715

0.0000

263.0358, 0.3449,
0.2747

0.0000, 0.0000,
0.0000

32.9574, 0.3724,
0.2300

32.9574, 0.3724,
0.2300

28.5850, 0.3867,
0.2192

38.7963, 0.3591,
0.2441

25.5371, 0.4016,
0.2128

46.2166, 0.3470,
0.2603

23.6518, 0.4164,
0.2114

55.3276, 0.3364,
0.2776

22.6622, 0.4306,
0.2146

66.2271, 0.3272,
0.2952

79.0056, 0.3194,
0.3124

 93.7476, 0.3128,
0.3289

 98.6940, 0.3084,
0.3290

Harmonies

Analogous

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



32.9574, 0.2624, 0.1888



32.9574, 0.3724, 0.2300



32.9574, 0.4785, 0.2902

Triad

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



32.9574, 0.3724, 0.2300



32.9574, 0.4265, 0.5063



32.9574, 0.1373, 0.2393

Complementary

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



32.9574, 0.3724, 0.2300



71.9507, 0.2828, 0.4610

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.



32.9574, 0.1652, 0.3416



32.9574, 0.3724, 0.2300



32.9574, 0.3297, 0.5359

Square

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



32.9574, 0.3724, 0.2300



32.9574, 0.5012, 0.4345



32.9574, 0.2337, 0.4701



32.9574, 0.1446, 0.1871

Rectangle

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



32.9574, 0.3724, 0.2300



32.9574, 0.5190, 0.3358



32.9574, 0.2337, 0.4701



32.9574, 0.1424, 0.2677

Sweetspot

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



32.9590, 0.3724, 0.2300



73.1774, 0.3255, 0.2987



22.0636, 0.2294, 0.1500



14.8698, 0.3280, 0.2936



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.



32.9590, 0.3724, 0.2300



29.6851, 0.3897, 0.2175



30.3334, 0.4702, 0.3047



17.4197, 0.3190, 0.3134



12.2708, 0.4284, 0.2134



1.1562, 0.4122, 0.2045

Inverse Universe

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



32.9590, 0.3724, 0.2300



29.6851, 0.3897, 0.2175



75.1167, 0.2492, 0.3597



17.4197, 0.3190, 0.3134



12.2708, 0.4284, 0.2134



1.1562, 0.4122, 0.2045

Previews

White Background



This preview shows how the Yxy color 32.9574, 0.3724, 0.2300 looks on a white background.

Color Contrast Check

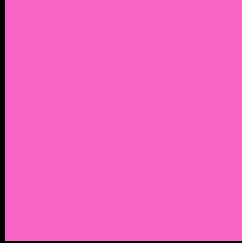
Large Text (above 18pt) WCAG AA × Fail

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 32.9574, 0.3724, 0.2300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

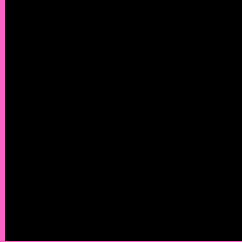
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.9574, 0.3724, 0.2300

Background



This preview shows how black text looks on a background with the Yxy color 32.9574, 0.3724, 0.2300.

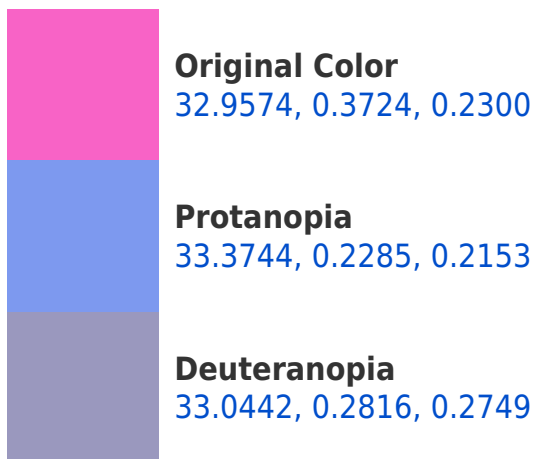


This preview shows how white text looks on a background with the Yxy color 32.9574, 0.3724, 0.2300.

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





Tritanopia

32.9040, 0.4518, 0.3208

Trichromacy



Original Color

32.9574, 0.3724, 0.2300



Protanomaly

30.7029, 0.2676, 0.2139



Deuteranomaly

31.3167, 0.3112, 0.2515



Tritanomaly

32.6520, 0.4235, 0.2848

Monochromacy



Original Color

32.9574, 0.3724, 0.2300



Achromatopsia

32.7778, 0.3127, 0.3290



Achromatomaly

31.0870, 0.3343, 0.2809

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.9574, 0.3724, 0.2300 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(248, 99, 198)` looks like.

```
.text, #text, p{  
    color:rgb(248, 99, 198)  
}
```

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(248, 99, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 99, 198) }
```

Border

The CSS property to change the border of an element to Yxy 32.9574, 0.3724, 0.2300 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(248, 99, 198) }
```

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

```
.border{ border-color:rgb(248, 99, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 99, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 99, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 99, 198);  
box-shadow:4px 4px 4px 4px rgb(248, 99,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 32.9574, 0.3724, 0.2300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 99, 198) }
```

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

```
.background{ background-color: rgb(248, 99,  
198) }
```

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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