

Converting Colors

Yxy(33.5373, 0.3664, 0.2167)

Have a look what the booklet for
Yxy(33.5373, 0.3664, 0.2167)
contains.

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Color

Yxy(33.5674, 0.3664, 0.2169)

Conversions

Conversions Part 1

Format	Color
Hex	FF5CD2
RGB	255, 92, 210
RGB Percent	100%, 36%, 82%
CMY	0.0000, 0.6392, 0.1763
CMYK	0.00, 0.64, 0.18, 0.00
HSL	317°, 100%, 68%
HSV	317°, 64%, 100%
XYZ	56.7040, 33.5674, 64.4884
YIQ	154.1890, 59.2700, 71.2540

Conversions

Conversions Part 2

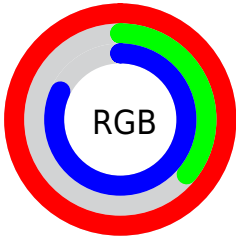
Format	Color
R _Y B	255, 92, 210
Decimal	16735442
CIE Lab	64.62, 73.43, -28.96
CIE LCh	65, 78.931, 338.473
Yxy	33.5674, 0.3664, 0.2169
Android (android.graphics.Color)	4294925522 (0xFFFF5CD2)
YUV	154.1890, 27.5148, 88.4112
Hunter-Lab	57.9374, 73.3096, -25.4378

Details

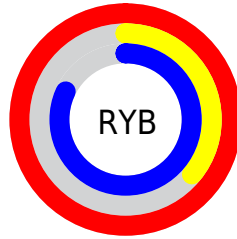
The Yxy color **33.5674, 0.3664, 0.2169** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **75.6001, 0.2861, 0.4841**, and the grayscale version is **32.2600, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.6132, 0.3174, 0.2284**, and **14.3103, 0.3804, 0.1904** is the 20% darker color. If you saturate the color by 10%, you get **29.5268, 0.3779, 0.2067**, and if you desaturate by 10%, it is **39.1122, 0.3554, 0.2309**.

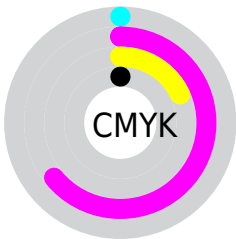
Distribution



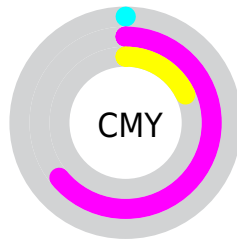
- Red (100%)
- Green (36%)
- Blue (82%)



- Red (100%)
- Yellow (36%)
- Blue (82%)



- Cyan (0%)
- Magenta (64%)
- Yellow (18%)
- Black (0%)




- Cyan (0%)
- Magenta (64%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.5674, 0.3664, 0.2169 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 33.5674, 0.3664, 0.2169 by changing the saturation by 10% instead.

 33.5674, 0.3664,
0.2169


 33.5674, 0.3664,
0.2169


318.1988, 0.3411,
0.2697

 22.5615, 0.3722,
0.2048


 65.2604, 0.3576,
0.2353


 14.2700, 0.3794,
0.1899


 86.7162, 0.3541,
0.2424

 8.3087, 0.3885,
0.1712


 112.4241, 0.3512,
0.2486

 4.2931, 0.4001,
0.1472

 142.7685, 0.3486,
0.2539

 1.8388, 0.4153,
0.1159

178.1338, 0.3464,
0.2586

 0.5112, 0.4383,
0.0689

218.9043, 0.3444,

 0.0000, 0.4725,

0.2627

0.0000

265.4645, 0.3426,
0.2664

■ 0.0000, 0.5046,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 33.5674, 0.3664,
0.2169

■ 33.5674, 0.3664,
0.2169

■ 29.5268, 0.3779,
0.2067

■ 39.1122, 0.3554,
0.2309

■ 26.8299, 0.3896,
0.2010

■ 46.2915, 0.3452,
0.2476

■ 25.2873, 0.4009,
0.2004

■ 55.2264, 0.3360,
0.2659

■ 24.7486, 0.4076,
0.2019

■ 66.0253, 0.3279,
0.2849

 78.7878, 0.3208,
0.3038

 93.6063, 0.3148,
0.3221

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.



33.5674, 0.2481, 0.1756



33.5674, 0.3664, 0.2169



33.5674, 0.4872, 0.2791

Triad

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



33.5674, 0.3664, 0.2169



33.5674, 0.4401, 0.5128



33.5674, 0.1250, 0.2366

Complementary

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



33.5674, 0.3664, 0.2169



75.6001, 0.2861, 0.4841

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.



33.5674, 0.1566, 0.3535



33.5674, 0.3664, 0.2169



33.5674, 0.3365, 0.5592

Square

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



33.5674, 0.3664, 0.2169



33.5674, 0.5203, 0.4305



33.5674, 0.2324, 0.4984



33.5674, 0.1303, 0.1780

Rectangle

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



33.5674, 0.3664, 0.2169



33.5674, 0.5357, 0.3264



33.5674, 0.2324, 0.4984



33.5674, 0.1309, 0.2687

Sweetspot

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



33.5688, 0.3664, 0.2169



72.0569, 0.3243, 0.2942



20.0632, 0.2147, 0.1348



14.6605, 0.3263, 0.2888



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.



33.5688, 0.3664, 0.2169



28.5616, 0.3815, 0.2044



30.5262, 0.4718, 0.2934



18.2099, 0.3180, 0.3119



12.9582, 0.4059, 0.2009



1.2802, 0.3939, 0.1944

Inverse Universe

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



33.5688, 0.3664, 0.2169



28.5616, 0.3815, 0.2044



78.8031, 0.2515, 0.3761



18.2099, 0.3180, 0.3119



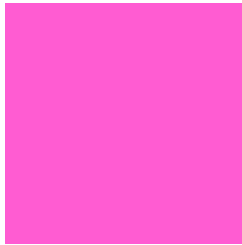
12.9582, 0.4059, 0.2009



1.2802, 0.3939, 0.1944

Previews

White Background



This preview shows how the Yxy color 33.5674, 0.3664, 0.2169 looks on a white background.

Color Contrast Check

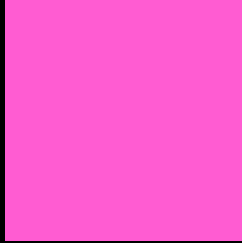
Large Text (above 18pt) WCAG AA × Fail

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 33.5674, 0.3664, 0.2169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

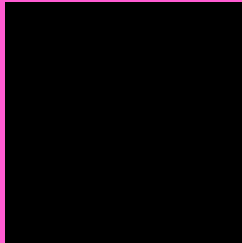
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.5674, 0.3664, 0.2169

Background



This preview shows how black text looks on a background with the Yxy color 33.5674, 0.3664, 0.2169.

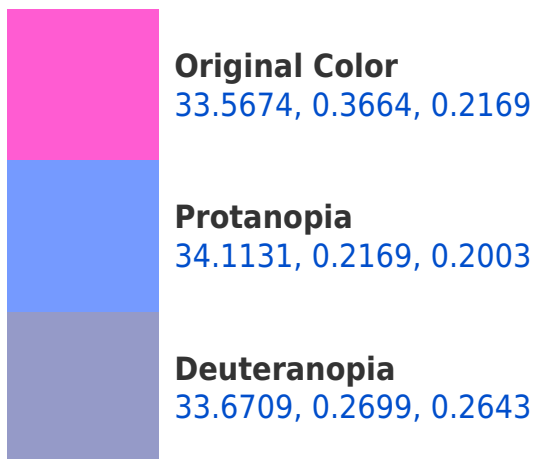


This preview shows how white text looks on a background with the Yxy color 33.5674, 0.3664, 0.2169.

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

33.4657, 0.4613, 0.3212

Trichromacy



Original Color

33.5674, 0.3664, 0.2169



Protanomaly

30.6801, 0.2544, 0.1969



Deuteranomaly

31.2836, 0.3009, 0.2368



Tritanomaly

33.2059, 0.4268, 0.2801

Monochromacy



Original Color

33.5674, 0.3664, 0.2169



Achromatopsia

32.3143, 0.3127, 0.3290



Achromatomaly

30.3650, 0.3339, 0.2722

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.5674, 0.3664, 0.2169 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, 92, 210)` looks like.

```
.text, #text, p{  
    color:rgb(255, 92, 210)  
}
```

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, 92, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 92, 210) }
```

Border

The CSS property to change the border of an element to Yxy 33.5674, 0.3664, 0.2169 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, 92, 210) }
```

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

```
.border{ border-color:rgb(255, 92, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 92, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 92, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 92, 210);  
box-shadow:4px 4px 4px 4px rgb(255, 92,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 33.5674, 0.3664, 0.2169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 92, 210) }
```

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

```
.background{ background-color: rgb(255, 92,  
210) }
```

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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