

Converting Colors

Yxy(33.4561, 0.3970, 0.2448)

Have a look what the booklet for
Yxy(33.4561, 0.3970, 0.2448)
contains.

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Color

Yxy(33.4561, 0.3970, 0.2448)

Conversions

Conversions Part 1

Format	Color
Hex	FF62B8
RGB	255, 98, 184
RGB Percent	100%, 38%, 72%
CMY	0.0001, 0.6156, 0.2784
CMYK	0.00, 0.62, 0.28, 0.00
HSL	327°, 100%, 69%
HSV	327°, 62%, 100%
XYZ	54.2568, 33.4561, 48.9541
YIQ	154.7470, 65.9660, 60.0300

Conversions

Conversions Part 2

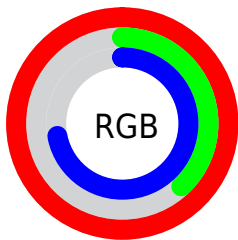
Format	Color
R _Y B	255, 98, 184
Decimal	16736952
CIE Lab	64.53, 67.67, -14.37
CIE LCh	65, 69.176, 348.007
Yxy	33.4561, 0.3970, 0.2448
Android (android.graphics.Color)	4294927032 (0xFFFF62B8)
YUV	154.7470, 14.4217, 87.9219
Hunter-Lab	57.8412, 66.2162, -9.6914

Details

The Yxy color **33.4561, 0.3970, 0.2448** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **76.9730, 0.2744, 0.4404**, and the grayscale version is **32.5777, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.3282, 0.3296, 0.2457**, and **14.1411, 0.4211, 0.2217** is the 20% darker color. If you saturate the color by 10%, you get **28.9571, 0.4180, 0.2369**, and if you desaturate by 10%, it is **39.5171, 0.3777, 0.2561**.

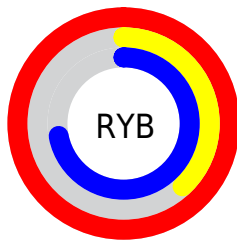
Distribution



Red (100%)

Green (38%)

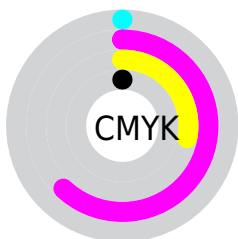
Blue (72%)



Red (100%)

Yellow (38%)

Blue (72%)

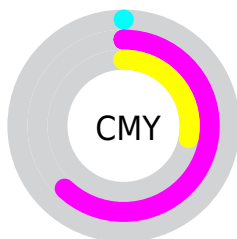


Cyan (0%)

Magenta (62%)

Yellow (28%)

Black (0%)



Cyan (0%)

Magenta (62%)

Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.4561, 0.3970, 0.2448 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 33.4561, 0.3970, 0.2448 by changing the saturation by 10% instead.


 33.4561, 0.3970,
0.2448

 33.4561, 0.3970,
0.2448


317.7000, 0.3543,
0.2862

 22.4761, 0.4078,
0.2348


 65.0870, 0.3814,
0.2596


 14.2071, 0.4217,
0.2221


 86.5066, 0.3755,
0.2653

 8.2649, 0.4402,
0.2057

 112.1749, 0.3706,
0.2700

 4.2649, 0.4660,
0.1836

 142.4762, 0.3664,
0.2742

 1.8228, 0.5041,
0.1528

177.7950, 0.3627,
0.2778

 0.5013, 0.5705,
0.0988

218.5156, 0.3595,

 0.0000, 0.7608,

0.2809

0.0000

265.0225, 0.3567,
0.2837

■ 0.0000, 1.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 33.4561, 0.3970,
0.2448

■ 33.4561, 0.3970,
0.2448

■ 28.9571, 0.4180,
0.2369

■ 39.5171, 0.3777,
0.2561

■ 25.8639, 0.4399,
0.2337

■ 47.2663, 0.3607,
0.2695

■ 23.9968, 0.4617,
0.2359

■ 56.8227, 0.3459,
0.2840

■ 23.1419, 0.4795,
0.2415

■ 68.2931, 0.3333,
0.2987

 81.7759, 0.3227,
0.3132

 97.3628, 0.3139,
0.3269

99.9973, 0.3127,
0.3290

Harmonies

Analogous

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



33.4561, 0.2866, 0.1992



33.4561, 0.3970, 0.2448



33.4561, 0.4909, 0.3068

Triad

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



33.4561, 0.3970, 0.2448



33.4561, 0.4040, 0.5144



33.4561, 0.1400, 0.2262

Complementary

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



33.4561, 0.3970, 0.2448



76.9730, 0.2744, 0.4404

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.



33.4561, 0.1591, 0.3145



33.4561, 0.3970, 0.2448



33.4561, 0.3076, 0.5235

Square

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



33.4561, 0.3970, 0.2448



33.4561, 0.4835, 0.4504



33.4561, 0.2175, 0.4385



33.4561, 0.1545, 0.1845

Rectangle

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



33.4561, 0.3970, 0.2448



33.4561, 0.5193, 0.3527



33.4561, 0.2175, 0.4385



33.4561, 0.1424, 0.2501

Sweetspot

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



33.4578, 0.3970, 0.2448



72.8647, 0.3293, 0.3039



24.3551, 0.2414, 0.1519



14.7933, 0.3325, 0.2997



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.



33.4578, 0.3970, 0.2448



28.0819, 0.4233, 0.2357



31.0343, 0.5006, 0.3223



18.1536, 0.3208, 0.3161



12.1242, 0.4762, 0.2397



1.2025, 0.4535, 0.2272

Inverse Universe

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



33.4578, 0.3970, 0.2448



28.0819, 0.4233, 0.2357



80.8327, 0.2409, 0.3381



18.1536, 0.3208, 0.3161



12.1242, 0.4762, 0.2397



1.2025, 0.4535, 0.2272

Previews

White Background



This preview shows how the Yxy color 33.4561, 0.3970, 0.2448 looks on a white background.

Color Contrast Check

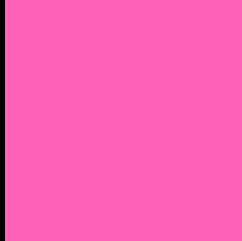
Large Text (above 18pt) WCAG AA × Fail

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 33.4561, 0.3970, 0.2448 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 33.4561, 0.3970, 0.2448

Background



This preview shows how black text looks on a background with the Yxy color 33.4561, 0.3970, 0.2448.



This preview shows how white text looks on a background with the Yxy color 33.4561, 0.3970, 0.2448.

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

33.4561, 0.3970, 0.2448

Protanopia

33.9754, 0.2436, 0.2353

Deuteranopia

33.7036, 0.3017, 0.2961



Tritanopia

33.5147, 0.4678, 0.3214

Trichromacy



Original Color

33.4561, 0.3970, 0.2448



Protanomaly

31.2373, 0.2879, 0.2328



Deuteranomaly

31.7655, 0.3336, 0.2697



Tritanomaly

33.4342, 0.4428, 0.2929

Monochromacy



Original Color

33.4561, 0.3970, 0.2448



Achromatopsia

32.7778, 0.3127, 0.3290



Achromatomaly

30.8797, 0.3420, 0.2863

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.4561, 0.3970, 0.2448 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, 98, 184)` looks like.

```
.text, #text, p{  
    color:rgb(255, 98, 184)  
}
```

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, 98, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 98, 184) }
```

Border

The CSS property to change the border of an element to Yxy 33.4561, 0.3970, 0.2448 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, 98, 184) }
```

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

```
.border{ border-color:rgb(255, 98, 184) }
```

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

Here you see how a box with a 4 pixel rgb(255, 98, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 98, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 98, 184);  
box-shadow:4px 4px 4px 4px rgb(255, 98,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 33.4561, 0.3970, 0.2448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 98, 184) }
```

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

```
.background{ background-color: rgb(255, 98,  
184) }
```

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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