

Converting Colors

$Y_{xy}(43.2871, 0.3544, 0.2448)$

Have a look what the booklet for
Yxy(43.2871, 0.3544, 0.2448)
contains.

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Color

Yxy(43.0448, 0.3534, 0.2447)

Conversions

Conversions Part 1

Format	Color
Hex	FF85D9
RGB	255, 133, 217
RGB Percent	100%, 52%, 85%
CMY	0.0000, 0.4785, 0.1489
CMYK	0.00, 0.48, 0.15, 0.00
HSL	319°, 100%, 76%
HSV	319°, 48%, 100%
XYZ	62.1660, 43.0448, 70.6976
YIQ	179.0540, 45.7480, 51.9880

Conversions

Conversions Part 2

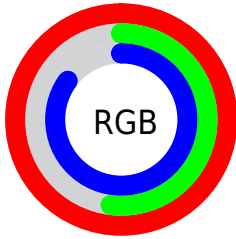
Format	Color
R_{YB}	255, 133, 217
Decimal	16745945
CIE _{Lab}	71.59, 56.50, -22.18
CIE _{LCh}	72, 60.692, 338.568
Yxy	43.0448, 0.3534, 0.2447
Android (android.graphics.Color)	4294936025 (0xFFFF85D9)
YUV	179.0540, 18.7074, 66.6046
Hunter-Lab	65.6085, 54.3191, -17.9630

Details

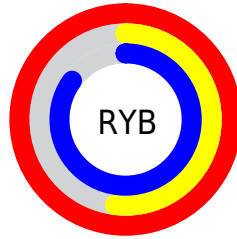
The Yxy color **43.0448, 0.3534, 0.2447** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **79.4424, 0.2880, 0.4335**, and the grayscale version is **44.9819, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.8752, 0.3157, 0.2644**, and **19.7932, 0.3633, 0.2246** is the 20% darker color. If you saturate the color by 10%, you get **36.4825, 0.3654, 0.2296**, and if you desaturate by 10%, it is **51.3097, 0.3425, 0.2618**.

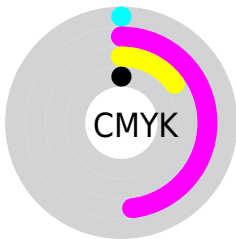
Distribution



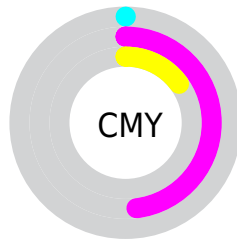
- Red (100%)
- Green (52%)
- Blue (85%)



- Red (100%)
- Yellow (52%)
- Blue (85%)



- Cyan (0%)
- Magenta (48%)
- Yellow (15%)
- Black (0%)





- Cyan (0%)
- Magenta (48%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.0448, 0.3534, 0.2447 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 43.0448, 0.3534, 0.2447 by changing the saturation by 10% instead.


 43.0448, 0.3534,
0.2447


 43.0448, 0.3534,
0.2447


358.7960, 0.3343,
0.2841

 29.9203, 0.3578,
0.2357


 79.7785, 0.3468,
0.2584

 19.7781, 0.3632,
0.2245


 104.1564, 0.3442,
0.2637

 12.2338, 0.3700,
0.2104

 133.0542, 0.3420,
0.2683

 6.9031, 0.3790,
0.1922

166.8564, 0.3400,
0.2723

 3.4016, 0.3909,
0.1677

205.9472, 0.3384,
0.2758

 1.3448, 0.4077,
0.1336

250.7112, 0.3369,

 0.1755, 0.4508,

0.2789

0.0449

301.5326, 0.3355,
0.2816

■ 0.0000, 0.4794,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 43.0448, 0.3534,
0.2447

■ 43.0448, 0.3534,
0.2447

■ 36.4825, 0.3654,
0.2296

■ 51.3097, 0.3425,
0.2618

■ 31.5151, 0.3784,
0.2175

■ 61.4072, 0.3329,
0.2798

■ 27.9948, 0.3918,
0.2096

■ 73.4343, 0.3246,
0.2979

■ 25.7537, 0.4053,
0.2066

■ 87.4863, 0.3175,
0.3156

■ 24.5674, 0.4184,
0.2086

100.0000, 0.3127,
0.3290

■ 24.3809, 0.4212,
0.2094

Harmonies

Analogous

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



43.0448, 0.2672, 0.2111



43.0448, 0.3534, 0.2447



43.0448, 0.4372, 0.2955

Triad

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



43.0448, 0.3534, 0.2447



43.0448, 0.4165, 0.4712



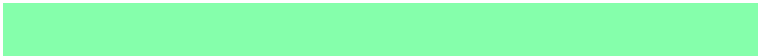
43.0448, 0.1687, 0.2656

Complementary

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



43.0448, 0.3534, 0.2447



79.4424, 0.2880, 0.4335

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.



43.0448, 0.1976, 0.3494



43.0448, 0.3534, 0.2447



43.0448, 0.3388, 0.4894

Square

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



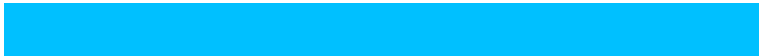
43.0448, 0.3534, 0.2447



43.0448, 0.4710, 0.4175



43.0448, 0.2585, 0.4424



43.0448, 0.1716, 0.2166

Rectangle

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



43.0448, 0.3534, 0.2447



43.0448, 0.4730, 0.3348



43.0448, 0.2585, 0.4424



43.0448, 0.1747, 0.2901

Sweetspot

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



43.0390, 0.3534, 0.2447



78.6048, 0.3217, 0.3048



32.4871, 0.2466, 0.1867



16.1970, 0.3233, 0.3010



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.



43.0390, 0.3534, 0.2447



36.9783, 0.3643, 0.2308



40.4749, 0.4186, 0.3040



18.1985, 0.3186, 0.3128



12.7677, 0.4191, 0.2082



1.2628, 0.4051, 0.2005

Inverse Universe

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



43.0390, 0.3534, 0.2447



36.9783, 0.3643, 0.2308



82.2510, 0.2599, 0.3575



18.1985, 0.3186, 0.3128



12.7677, 0.4191, 0.2082



1.2628, 0.4051, 0.2005

Previews

White Background



This preview shows how the Yxy color 43.0448, 0.3534, 0.2447 looks on a white background.

Color Contrast Check

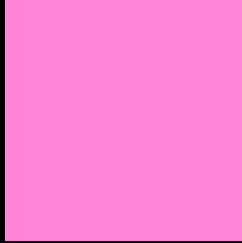
Large Text (above 18pt) WCAG AA × Fail

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 43.0448, 0.3534, 0.2447 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 43.0448, 0.3534, 0.2447

Background



This preview shows how black text looks on a background with the Yxy color 43.0448, 0.3534, 0.2447.



This preview shows how white text looks on a background with the Yxy color 43.0448, 0.3534, 0.2447.

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

43.0448, 0.3534, 0.2447

Protanopia

43.3748, 0.2462, 0.2380

Deuteranopia

43.3883, 0.2863, 0.2805



Tritanopia

43.1318, 0.4080, 0.3175

Trichromacy



Original Color

43.0448, 0.3534, 0.2447



Protanomaly

41.4570, 0.2780, 0.2371



Deuteranomaly

42.2370, 0.3085, 0.2637



Tritanomaly

42.8137, 0.3878, 0.2890

Monochromacy



Original Color

43.0448, 0.3534, 0.2447



Achromatopsia

45.0786, 0.3127, 0.3290



Achromatomaly

42.9563, 0.3275, 0.2914

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.0448, 0.3534, 0.2447 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, 133, 217)` looks like.

```
.text, #text, p{  
    color:rgb(255, 133, 217)  
}
```

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, 133, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 133, 217) }
```

Border

The CSS property to change the border of an element to Yxy 43.0448, 0.3534, 0.2447 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, 133, 217) }
```

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

```
.border{ border-color:rgb(255, 133, 217) }
```

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

Here you see how a box with a 4 pixel rgb(255, 133, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 133, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 133, 217);  
box-shadow:4px 4px 4px 4px rgb(255, 133,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 43.0448, 0.3534, 0.2447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 133, 217) }
```

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

```
.background{ background-color: rgb(255,  
133, 217) }
```

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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