

Converting Colors

$Y_{xy}(44.0615, 0.3359, 0.2304)$

Have a look what the booklet for
Yxy(44.0615, 0.3359, 0.2304)
contains.

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Color

Yxy(44.0615, 0.3359, 0.2304)

Conversions

Conversions Part 1

Format	Color
Hex	FE86EA
RGB	254, 134, 234
RGB Percent	100%, 53%, 92%
CMY	0.0040, 0.4744, 0.0825
CMYK	0.00, 0.47, 0.08, 0.00
HSL	310°, 98%, 76%
HSV	310°, 47%, 100%
XYZ	64.2372, 44.0615, 82.9404
YIQ	181.2800, 39.4200, 56.5400

Conversions

Conversions Part 2

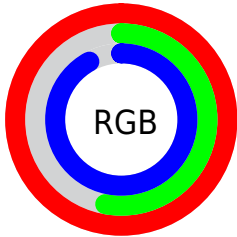
Format	Color
RYB	254, 134, 234
Decimal	16680682
CIELab	72.27, 58.31, -30.47
CIElCh	72, 65.793, 332.415
Yxy	44.0615, 0.3359, 0.2304
Android (android.graphics.Color)	4294870762 (0xFFFE86EA)
YUV	181.2800, 25.9910, 63.7754
Hunter-Lab	66.3788, 56.5780, -27.6177

Details

The Yxy color **44.0615, 0.3359, 0.2304** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **78.2685, 0.2965, 0.4541**, and the grayscale version is **46.2122, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.3069, 0.3157, 0.2653**, and **20.4084, 0.3400, 0.2081** is the 20% darker color. If you saturate the color by 10%, you get **37.6235, 0.3422, 0.2127**, and if you desaturate by 10%, it is **52.1949, 0.3300, 0.2503**.

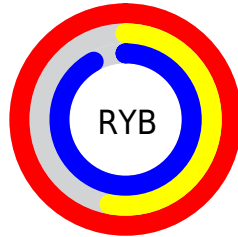
Distribution



Red (100%)

Green (53%)

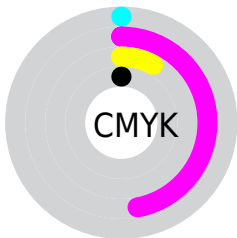
Blue (92%)



Red (100%)

Yellow (53%)

Blue (92%)

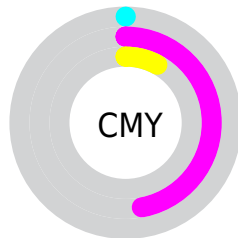


Cyan (0%)

Magenta (47%)

Yellow (8%)

Black (0%)



Cyan (0%)


Magenta (47%)


Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.0615, 0.3359, 0.2304 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 44.0615, 0.3359, 0.2304 by changing the saturation by 10% instead.


 44.0615, 0.3359,
0.2304


 44.0615, 0.3359,
0.2304


362.9592, 0.3261,
0.2755


 30.7189, 0.3379,
0.2203


 81.3103, 0.3327,
0.2459

 20.3849, 0.3401,
0.2080


 105.9852, 0.3314,
0.2520

 12.6751, 0.3427,
0.1927


 135.2064, 0.3303,
0.2572

 7.2052, 0.3457,
0.1733

169.3581, 0.3293,
0.2618

 3.5908, 0.3488,
0.1480

208.8249, 0.3284,
0.2659

 1.4474, 0.3513,
0.1144

253.9911, 0.3275,

 0.2513, 0.3594,

0.2694

0.0461

305.2410, 0.3268,
0.2726

■ 0.0000, 0.3338,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 44.0615, 0.3359,
0.2304

■ 44.0615, 0.3359,
0.2304

■ 37.6235, 0.3422,
0.2127

■ 52.1949, 0.3300,
0.2503

■ 32.7521, 0.3487,
0.1982

■ 62.1282, 0.3246,
0.2715

■ 29.3102, 0.3553,
0.1878

■ 73.9645, 0.3197,
0.2930

■ 27.1338, 0.3616,
0.1820

■ 87.7974, 0.3154,
0.3142

■ 26.0120, 0.3676,
0.1807

99.8048, 0.3121,
0.3290

■ 25.7995, 0.3692,
0.1807

Harmonies

Analogous

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



44.0615, 0.2476, 0.1996



44.0615, 0.3359, 0.2304



44.0615, 0.4302, 0.2806

Triad

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



44.0615, 0.3359, 0.2304



44.0615, 0.4367, 0.4696



44.0615, 0.1632, 0.2757

Complementary

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



44.0615, 0.3359, 0.2304



78.2685, 0.2965, 0.4541

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.



44.0615, 0.2002, 0.3721



44.0615, 0.3359, 0.2304



44.0615, 0.3570, 0.5028

Square

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



44.0615, 0.3359, 0.2304



44.0615, 0.4882, 0.4076



44.0615, 0.2704, 0.4686



44.0615, 0.1601, 0.2164

Rectangle

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



44.0615, 0.3359, 0.2304



44.0615, 0.4757, 0.3208



44.0615, 0.2704, 0.4686



44.0615, 0.1716, 0.3045

Sweetspot

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



44.0635, 0.3359, 0.2304



78.9223, 0.3183, 0.2999



31.0858, 0.2359, 0.1845



16.2749, 0.3192, 0.2953



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.



44.0635, 0.3359, 0.2304



38.0929, 0.3421, 0.2130



41.1810, 0.3983, 0.2876



18.2453, 0.3164, 0.3094



13.6247, 0.3683, 0.1802



1.3398, 0.3619, 0.1767

Inverse Universe

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



44.0635, 0.3359, 0.2304



38.0929, 0.3421, 0.2130



80.7890, 0.2678, 0.3769



18.2453, 0.3164, 0.3094



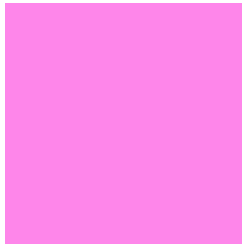
13.6247, 0.3683, 0.1802



1.3398, 0.3619, 0.1767

Previews

White Background



This preview shows how the Yxy color 44.0615, 0.3359, 0.2304 looks on a white background.

Color Contrast Check

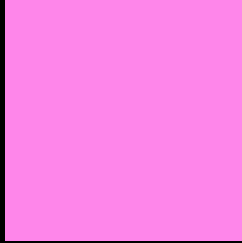
Large Text (above 18pt) WCAG AA × Fail

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 44.0615, 0.3359, 0.2304 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

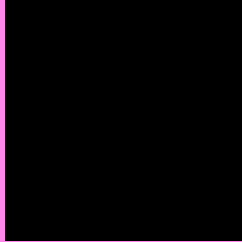
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.0615, 0.3359, 0.2304

Background



This preview shows how black text looks on a background with the Yxy color 44.0615, 0.3359, 0.2304.

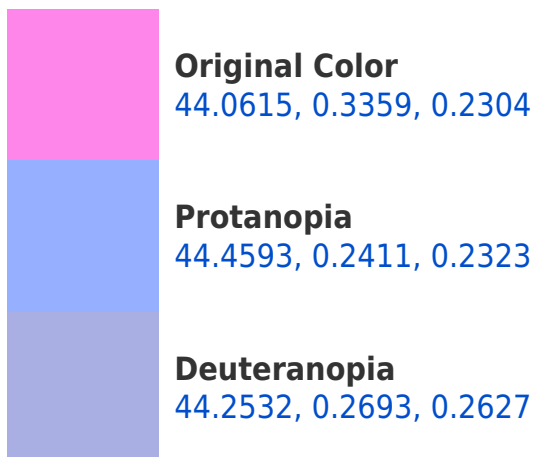


This preview shows how white text looks on a background with the Yxy color 44.0615, 0.3359, 0.2304.

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

43.9787, 0.3993, 0.3173

Trichromacy



Original Color

44.0615, 0.3359, 0.2304



Protanomaly

42.5484, 0.2690, 0.2285



Deuteranomaly

42.7888, 0.2907, 0.2463



Tritanomaly

43.7171, 0.3755, 0.2824

Monochromacy



Original Color

44.0615, 0.3359, 0.2304



Achromatopsia

46.2077, 0.3127, 0.3290



Achromatomaly

44.1309, 0.3220, 0.2858

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.0615, 0.3359, 0.2304 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(254, 134, 234)` looks like.

```
.text, #text, p{  
    color:rgb(254, 134, 234)  
}
```

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(254, 134, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 134, 234) }
```

Border

The CSS property to change the border of an element to Yxy 44.0615, 0.3359, 0.2304 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(254, 134, 234) }
```

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

```
.border{ border-color:rgb(254, 134, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 134, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 134, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 134, 234);  
box-shadow:4px 4px 4px 4px rgb(254, 134,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 44.0615, 0.3359, 0.2304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 134, 234) }
```

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

```
.background{ background-color: rgb(254,  
134, 234) }
```

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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