

Converting Colors

$Yxy(42.3309, 0.3447, 0.2579)$

Have a look what the booklet for
Yxy(42.3309, 0.3447, 0.2579)
contains.

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Color

Yxy(42.4255, 0.3439, 0.2578)

Conversions

Conversions Part 1

Format	Color
Hex	EE8FD1
RGB	238, 143, 209
RGB Percent	93%, 56%, 82%
CMY	0.0667, 0.4392, 0.1803
CMYK	0.00, 0.40, 0.12, 0.07
HSL	318°, 74%, 75%
HSV	318°, 40%, 93%
XYZ	56.5948, 42.4255, 65.5472
YIQ	178.9290, 35.4340, 40.6660

Conversions

Conversions Part 2

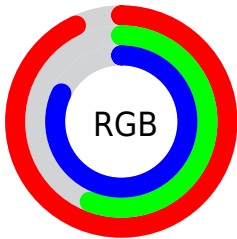
Format	Color
R_{YB}	238, 143, 209
Decimal	15634385
CIE _{Lab}	71.16, 44.94, -18.59
CIE _{LCh}	71, 48.635, 337.525
Yxy	42.4255, 0.3439, 0.2578
Android (android.graphics.Color)	4293824465 (0xFFEE8FD1)
YUV	178.9290, 14.8250, 51.8053
Hunter-Lab	65.1349, 41.1101, -14.0710

Details

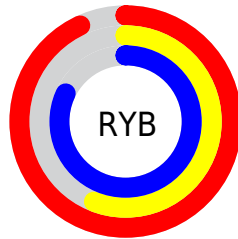
The Yxy color $42.4255, 0.3439, 0.2578$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $69.9685, 0.2916, 0.4134$, and the grayscale version is $44.9464, 0.3127, 0.3290$.

A 20% lighter version of the original color is $68.8682, 0.3153, 0.2732$, and $19.3487, 0.3518, 0.2404$ is the 20% darker color. If you saturate the color by 10%, you get $35.6723, 0.3547, 0.2410$, and if you desaturate by 10%, it is $50.7147, 0.3343, 0.2758$.

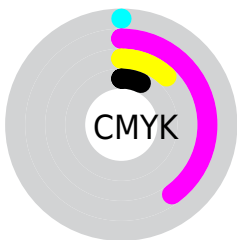
Distribution



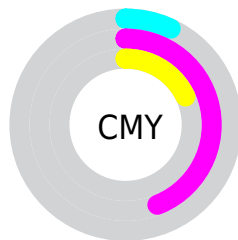
- Red (93%)
- Green (56%)
- Blue (82%)



- Red (93%)
- Yellow (56%)
- Blue (82%)



- Cyan (0%)
- Magenta (40%)
- Yellow (12%)
- Black (7%)





- Cyan (7%)
- Magenta (44%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.4255, 0.3439, 0.2578 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 42.4255, 0.3439, 0.2578 by changing the saturation by 10% instead.


 42.4255, 0.3439,
0.2578


 42.4255, 0.3439,
0.2578

356.2438, 0.3291,
0.2917

 29.4346, 0.3473,
0.2499


 78.8432, 0.3387,
0.2697

 19.4098, 0.3516,
0.2400

 103.0388, 0.3367,
0.2743

 11.9668, 0.3571,
0.2273


131.7381, 0.3350,
0.2782

 6.7211, 0.3643,
0.2105

165.3255, 0.3335,
0.2817

 3.2883, 0.3742,
0.1875

204.1853, 0.3322,
0.2846

 1.2840, 0.3883,
0.1541

248.7021, 0.3311,

 0.1288, 0.4364,

0.2873

0.0440

299.2601, 0.3300,
0.2896

0.0000, 0.4162,
0.0000

0.0000, 0.0000,
0.0000

42.4255, 0.3439,
0.2578

42.4255, 0.3439,
0.2578

35.6723, 0.3547,
0.2410

50.7147, 0.3343,
0.2758

30.3524, 0.3667,
0.2263

60.6224, 0.3259,
0.2940

26.3596, 0.3794,
0.2148

72.2324, 0.3187,
0.3120

23.5704, 0.3925,
0.2077

85.6206, 0.3127,
0.3291

■ 21.8381, 0.4055,
0.2055

■ 96.3101, 0.3078,
0.3385

■ 20.9163, 0.4182,
0.2078

■ 96.7630, 0.3037,
0.3313

■ 20.9099, 0.4183,
0.2078

■ 96.9179, 0.3023,
0.3290

Harmonies

Analogous

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



42.4255, 0.2741, 0.2297



42.4255, 0.3439, 0.2578



42.4255, 0.4111, 0.3011

Triad

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



42.4255, 0.3439, 0.2578



42.4255, 0.4024, 0.4456



42.4255, 0.1932, 0.2813

Complementary

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



42.4255, 0.3439, 0.2578



69.9685, 0.2916, 0.4134

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.



42.4255, 0.2199, 0.3493



42.4255, 0.3439, 0.2578



42.4255, 0.3392, 0.4566

Square

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



42.4255, 0.3439, 0.2578



42.4255, 0.4441, 0.4043



42.4255, 0.2724, 0.4200



42.4255, 0.1942, 0.2379

Rectangle

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



42.4255, 0.3439, 0.2578



42.4255, 0.4409, 0.3348



42.4255, 0.2724, 0.4200



42.4255, 0.1990, 0.3018

Sweetspot

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



42.4275, 0.3439, 0.2578



81.4200, 0.3202, 0.3082



34.5321, 0.2602, 0.2131



17.0335, 0.3211, 0.3059



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.



42.4275, 0.3439, 0.2578



42.9706, 0.3528, 0.2438



40.4311, 0.3930, 0.3079



15.9445, 0.3185, 0.3127



11.6892, 0.4164, 0.2068



0.9901, 0.4008, 0.1981

Inverse Universe

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



42.4275, 0.3439, 0.2578



42.9706, 0.3528, 0.2438



72.1057, 0.2670, 0.3520



15.9445, 0.3185, 0.3127



11.6892, 0.4164, 0.2068



0.9901, 0.4008, 0.1981

Previews

White Background



This preview shows how the Yxy color 42.4255, 0.3439, 0.2578 looks on a white background.

Color Contrast Check

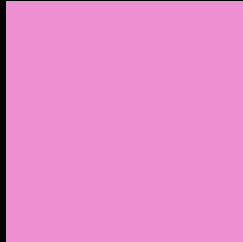
Large Text (above 18pt) WCAG AA × Fail

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 42.4255, 0.3439, 0.2578 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

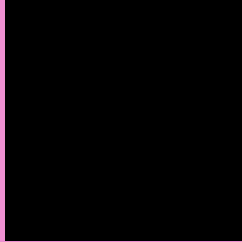
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.4255, 0.3439, 0.2578

Background



This preview shows how black text looks on a background with the Yxy color 42.4255, 0.3439, 0.2578.



This preview shows how white text looks on a background with the Yxy color 42.4255, 0.3439, 0.2578.

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

42.4255, 0.3439, 0.2578

Protanopia

42.9712, 0.2601, 0.2568

Deuteranopia

42.4562, 0.2915, 0.2851



Tritanopia

42.4245, 0.3839, 0.3166

Trichromacy



Original Color

42.4255, 0.3439, 0.2578



Protanomaly

41.8060, 0.2868, 0.2559



Deuteranomaly

41.7400, 0.3090, 0.2729



Tritanomaly

42.4523, 0.3691, 0.2943

Monochromacy



Original Color

42.4255, 0.3439, 0.2578



Achromatopsia

45.0786, 0.3127, 0.3290



Achromatomaly

43.2695, 0.3233, 0.2992

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.4255, 0.3439, 0.2578 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(238, 143, 209)` looks like.

```
.text, #text, p{  
    color:rgb(238, 143, 209)  
}
```

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(238, 143, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 143, 209) }
```

Border

The CSS property to change the border of an element to Yxy 42.4255, 0.3439, 0.2578 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(238, 143, 209) }
```

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

```
.border{ border-color:rgb(238, 143, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 143, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 143, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 143, 209);  
box-shadow:4px 4px 4px 4px rgb(238, 143,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 42.4255, 0.3439, 0.2578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 143, 209) }
```

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

```
.background{ background-color: rgb(238,  
143, 209) }
```

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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