

Converting Colors

$Y_{xy}(44.2417, 0.3343, 0.2639)$

Have a look what the booklet for
Yxy(44.2417, 0.3343, 0.2639)
contains.

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Color

Yxy(44.1485, 0.3344, 0.2639)

Conversions

Conversions Part 1

Format	Color
Hex	E798D3
RGB	231, 152, 211
RGB Percent	91%, 60%, 83%
CMY	0.0941, 0.4039, 0.1725
CMYK	0.00, 0.34, 0.09, 0.09
HSL	315°, 62%, 75%
HSV	315°, 34%, 91%
XYZ	55.9426, 44.1485, 67.2014
YIQ	182.3470, 28.1450, 35.0970

Conversions

Conversions Part 2

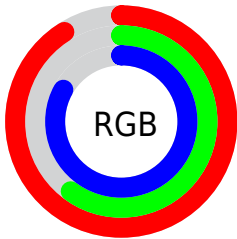
Format	Color
R _Y B	231, 152, 211
Decimal	15177939
CIE Lab	72.33, 38.30, -17.99
CIE LCh	72, 42.317, 334.836
Yxy	44.1485, 0.3344, 0.2639
Android (android.graphics.Color)	4293368019 (0xFFE798D3)
YUV	182.3470, 14.1259, 42.6687
Hunter-Lab	66.4443, 34.0100, -13.4545

Details

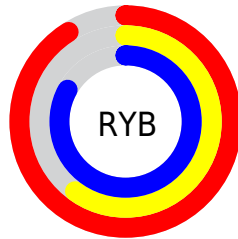
The Yxy color **44.1485, 0.3344, 0.2639** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **66.8104, 0.2966, 0.4046**, and the grayscale version is **46.8893, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.1056, 0.3149, 0.2821**, and **20.3227, 0.3399, 0.2474** is the 20% darker color. If you saturate the color by 10%, you get **37.0798, 0.3428, 0.2453**, and if you desaturate by 10%, it is **52.6921, 0.3269, 0.2833**.

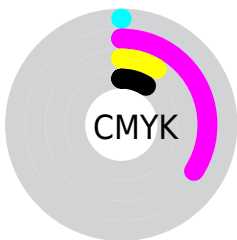
Distribution



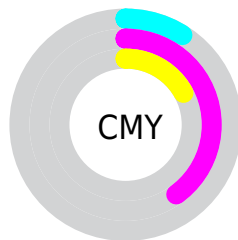
- Red (91%)
- Green (60%)
- Blue (83%)



- Red (91%)
- Yellow (60%)
- Blue (83%)



- Cyan (0%)
- Magenta (34%)
- Yellow (9%)
- Black (9%)




- Cyan (9%)
- Magenta (40%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.1485, 0.3344, 0.2639 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 44.1485, 0.3344, 0.2639 by changing the saturation by 10% instead.

 44.1485, 0.3344,
0.2639


 44.1485, 0.3344,
0.2639


363.3139, 0.3243,
0.2949

 30.7873, 0.3367,
0.2566


 81.4412, 0.3309,
0.2748

 20.4369, 0.3396,
0.2476


 106.1414, 0.3295,
0.2790

 12.7130, 0.3431,
0.2359

135.3900, 0.3284,
0.2826

 7.2312, 0.3478,
0.2205

169.5715, 0.3273,
0.2857

 3.6071, 0.3540,
0.1992

209.0703, 0.3264,
0.2884

 1.4563, 0.3625,
0.1682

254.2707, 0.3256,

 0.2577, 0.3902,

0.2908

0.0819

305.5571, 0.3249,
0.2930

0.0000, 0.2771,
0.0000

0.0000, 0.0000,
0.0000

44.1485, 0.3344,
0.2639

44.1485, 0.3344,
0.2639

37.0798, 0.3428,
0.2453

52.6921, 0.3269,
0.2833

31.3947, 0.3521,
0.2282

62.7830, 0.3204,
0.3026

27.0013, 0.3621,
0.2139

74.4959, 0.3148,
0.3214

23.7938, 0.3724,
0.2033

87.8990, 0.3101,
0.3392

■ 21.6495, 0.3829,
0.1972

■ 94.8162, 0.3063,
0.3438

■ 20.4190, 0.3930,
0.1960

■ 95.1700, 0.3031,
0.3379

■ 19.9884, 0.3987,
0.1970

■ 95.5352, 0.2998,
0.3320

■ 95.7301, 0.2982,
0.3290

Harmonies

Analogous

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



44.1485, 0.2748, 0.2404



44.1485, 0.3344, 0.2639



44.1485, 0.3927, 0.3015

Triad

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



44.1485, 0.3344, 0.2639



44.1485, 0.3956, 0.4281



44.1485, 0.2094, 0.2935

Complementary

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



44.1485, 0.3344, 0.2639



66.8104, 0.2966, 0.4046

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.



44.1485, 0.2357, 0.3527



44.1485, 0.3344, 0.2639



44.1485, 0.3422, 0.4383

Square

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



44.1485, 0.3344, 0.2639



44.1485, 0.4284, 0.3924



44.1485, 0.2836, 0.4101



44.1485, 0.2078, 0.2528

Rectangle

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



44.1485, 0.3344, 0.2639



44.1485, 0.4201, 0.3313



44.1485, 0.2836, 0.4101



44.1485, 0.2154, 0.3118

Sweetspot

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



44.1505, 0.3344, 0.2639



84.3868, 0.3180, 0.3105



36.9698, 0.2662, 0.2309



17.6288, 0.3188, 0.3078



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.



44.1505, 0.3344, 0.2639



48.8473, 0.3402, 0.2507



42.4164, 0.3729, 0.3065



14.5496, 0.3176, 0.3116



11.2260, 0.3972, 0.1962



0.8443, 0.3836, 0.1887

Inverse Universe

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



44.1505, 0.3344, 0.2639



48.8473, 0.3402, 0.2507



68.5475, 0.2747, 0.3532



14.5496, 0.3176, 0.3116



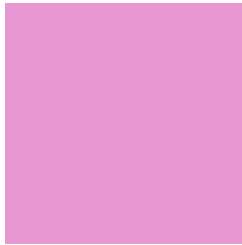
11.2260, 0.3972, 0.1962



0.8443, 0.3836, 0.1887

Previews

White Background



This preview shows how the Yxy color 44.1485, 0.3344, 0.2639 looks on a white background.

Color Contrast Check

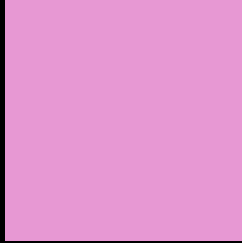
Large Text (above 18pt) WCAG AA × Fail

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 44.1485, 0.3344, 0.2639 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

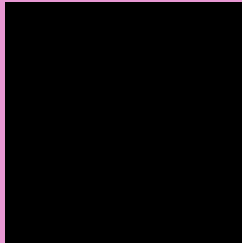
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.1485, 0.3344, 0.2639

Background



This preview shows how black text looks on a background with the Yxy color 44.1485, 0.3344, 0.2639.



This preview shows how white text looks on a background with the Yxy color 44.1485, 0.3344, 0.2639.

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

44.1485, 0.3344, 0.2639

Protanopia

44.6514, 0.2660, 0.2637

Deuteranopia

44.2159, 0.2927, 0.2859



Tritanopia

43.9436, 0.3659, 0.3140

Trichromacy



Original Color

44.1485, 0.3344, 0.2639



Protanomaly

43.7302, 0.2878, 0.2623



Deuteranomaly

43.6064, 0.3072, 0.2768



Tritanomaly

43.8161, 0.3547, 0.2947

Monochromacy



Original Color

44.1485, 0.3344, 0.2639



Achromatopsia

46.7784, 0.3127, 0.3290



Achromatomaly

45.2554, 0.3202, 0.3019

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.1485, 0.3344, 0.2639 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(231, 152, 211)` looks like.

```
.text, #text, p{  
    color:rgb(231, 152, 211)  
}
```

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(231, 152, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 152, 211) }
```

Border

The CSS property to change the border of an element to Yxy 44.1485, 0.3344, 0.2639 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(231, 152, 211) }
```

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

```
.border{ border-color:rgb(231, 152, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 152, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 152, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 152, 211);  
box-shadow:4px 4px 4px 4px rgb(231, 152,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 44.1485, 0.3344, 0.2639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 152, 211) }
```

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

```
.background{ background-color: rgb(231,  
152, 211) }
```

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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