

Converting Colors

$Y_{xy}(43.1660, 0.3321, 0.2540)$

Have a look what the booklet for
Yxy(43.1660, 0.3321, 0.2540)
contains.

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Color

Yxy(43.1489, 0.3321, 0.2540)

Conversions

Conversions Part 1

Format	Color
Hex	E993D8
RGB	233, 147, 216
RGB Percent	91%, 58%, 85%
CMY	0.0865, 0.4234, 0.1530
CMYK	0.00, 0.37, 0.07, 0.09
HSL	312°, 66%, 75%
HSV	312°, 37%, 91%
XYZ	56.4163, 43.1489, 70.3123
YIQ	180.5800, 29.1070, 39.6910

Conversions

Conversions Part 2

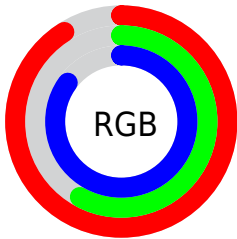
Format	Color
RYB	233, 147, 216
Decimal	15307736
CIELab	71.66, 42.38, -21.74
CIELCh	72, 47.626, 332.841
Yxy	43.1489, 0.3321, 0.2540
Android (android.graphics.Color)	4293497816 (0xFFE993D8)
YUV	180.5800, 17.4621, 45.9723
Hunter-Lab	65.6878, 38.3520, -17.4826

Details

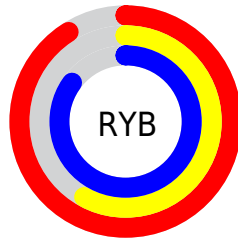
The Yxy color **43.1489, 0.3321, 0.2540** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **67.1303, 0.2981, 0.4181**, and the grayscale version is **45.8642, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.7211, 0.3151, 0.2772**, and **19.8087, 0.3366, 0.2353** is the 20% darker color. If you saturate the color by 10%, you get **36.3882, 0.3389, 0.2346**, and if you desaturate by 10%, it is **51.3870, 0.3259, 0.2745**.

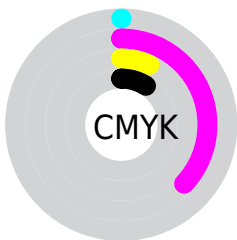
Distribution



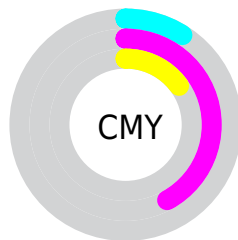
- Red (91%)
- Green (58%)
- Blue (85%)



- Red (91%)
- Yellow (58%)
- Blue (85%)



- Cyan (0%)
- Magenta (37%)
- Yellow (7%)
- Black (9%)





- Cyan (9%)
- Magenta (42%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.1489, 0.3321, 0.2540 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 43.1489, 0.3321, 0.2540 by changing the saturation by 10% instead.


 43.1489, 0.3321,
0.2540


 43.1489, 0.3321,
0.2540


359.2238, 0.3234,
0.2895

 30.0020, 0.3340,
0.2458


 79.9355, 0.3291,
0.2664

 19.8401, 0.3363,
0.2355


 104.3440, 0.3280,
0.2712

 12.2788, 0.3391,
0.2225


133.2751, 0.3269,
0.2753

 6.9339, 0.3426,
0.2053

167.1132, 0.3261,
0.2789

 3.4208, 0.3468,
0.1820

206.2427, 0.3253,
0.2820

 1.3552, 0.3519,
0.1486

251.0480, 0.3246,

 0.1833, 0.3740,

0.2848

0.0542

301.9136, 0.3239,
0.2873

0.0000, 0.2333,
0.0000

0.0000, 0.0000,
0.0000

43.1489, 0.3321,
0.2540

43.1489, 0.3321,
0.2540

36.3882, 0.3389,
0.2346

51.3870, 0.3259,
0.2745

31.0099, 0.3463,
0.2173

61.1781, 0.3204,
0.2952

26.9171, 0.3540,
0.2030

72.6000, 0.3156,
0.3155

23.9981, 0.3618,
0.1928

85.7233, 0.3115,
0.3350

■ 22.1216, 0.3695,
0.1871

■ 95.0638, 0.3082,
0.3451

■ 21.1198, 0.3768,
0.1860

■ 95.3389, 0.3057,
0.3404

■ 20.9001, 0.3791,
0.1862

■ 95.6210, 0.3031,
0.3358

■ 95.9101, 0.3005,
0.3312

■ 96.0534, 0.2993,
0.3290

Harmonies

Analogous

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



43.1489, 0.2657, 0.2293



43.1489, 0.3321, 0.2540



43.1489, 0.3996, 0.2945

Triad

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



43.1489, 0.3321, 0.2540



43.1489, 0.4085, 0.4380



43.1489, 0.1982, 0.2918

Complementary

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



43.1489, 0.3321, 0.2540



67.1303, 0.2981, 0.4181

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.



43.1489, 0.2287, 0.3603



43.1489, 0.3321, 0.2540



43.1489, 0.3491, 0.4543

Square

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



43.1489, 0.3321, 0.2540



43.1489, 0.4443, 0.3953



43.1489, 0.2832, 0.4258



43.1489, 0.1950, 0.2450

Rectangle

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



43.1489, 0.3321, 0.2540



43.1489, 0.4322, 0.3270



43.1489, 0.2832, 0.4258



43.1489, 0.2054, 0.3129

Sweetspot

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



43.1509, 0.3321, 0.2540



83.0394, 0.3175, 0.3071



34.5242, 0.2572, 0.2209



17.3641, 0.3182, 0.3043



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.



43.1509, 0.3321, 0.2540



46.7200, 0.3371, 0.2396



41.2590, 0.3736, 0.2982



15.2598, 0.3168, 0.3103



11.8841, 0.3780, 0.1856



0.9462, 0.3686, 0.1804

Inverse Universe

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



43.1509, 0.3321, 0.2540



46.7200, 0.3371, 0.2396



68.8938, 0.2752, 0.3627



15.2598, 0.3168, 0.3103



11.8841, 0.3780, 0.1856



0.9462, 0.3686, 0.1804

Previews

White Background



This preview shows how the Yxy color 43.1489, 0.3321, 0.2540 looks on a white background.

Color Contrast Check

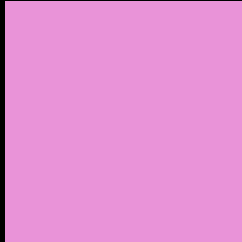
Large Text (above 18pt) WCAG AA × Fail

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 43.1489, 0.3321, 0.2540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

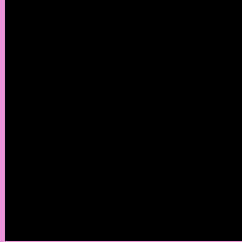
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.1489, 0.3321, 0.2540

Background



This preview shows how black text looks on a background with the Yxy color 43.1489, 0.3321, 0.2540.



This preview shows how white text looks on a background with the Yxy color 43.1489, 0.3321, 0.2540.

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

43.1489, 0.3321, 0.2540

Protanopia

43.6412, 0.2572, 0.2526

Deuteranopia

43.3222, 0.2848, 0.2792



Tritanopia

42.9350, 0.3717, 0.3152

Trichromacy



Original Color

43.1489, 0.3321, 0.2540



Protanomaly

42.5915, 0.2808, 0.2517



Deuteranomaly

42.7342, 0.3005, 0.2683



Tritanomaly

42.9433, 0.3573, 0.2925

Monochromacy



Original Color

43.1489, 0.3321, 0.2540



Achromatopsia

46.2077, 0.3127, 0.3290



Achromatomaly

44.5503, 0.3195, 0.2982

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.1489, 0.3321, 0.2540 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(233, 147, 216)` looks like.

```
.text, #text, p{  
    color:rgb(233, 147, 216)  
}
```

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(233, 147, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 147, 216) }
```

Border

The CSS property to change the border of an element to Yxy 43.1489, 0.3321, 0.2540 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(233, 147, 216) }
```

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

```
.border{ border-color:rgb(233, 147, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 147, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 147, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 147, 216);  
box-shadow:4px 4px 4px 4px rgb(233, 147,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 43.1489, 0.3321, 0.2540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 147, 216) }
```

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

```
.background{ background-color: rgb(233,  
147, 216) }
```

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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