

Converting Colors

$Y_{xy}(44.3975, 0.3263, 0.2481)$

Have a look what the booklet for
Yxy(44.3975, 0.3263, 0.2481)
contains.

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Color

Yxy(44.5389, 0.3265, 0.2488)

Conversions

Conversions Part 1

Format	Color
Hex	EB95E0
RGB	235, 149, 224
RGB Percent	92%, 58%, 88%
CMY	0.0786, 0.4155, 0.1216
CMYK	0.00, 0.37, 0.05, 0.08
HSL	308°, 68%, 75%
HSV	308°, 37%, 92%
XYZ	58.4484, 44.5389, 76.0276
YIQ	183.2640, 27.1810, 41.5570

Conversions

Conversions Part 2

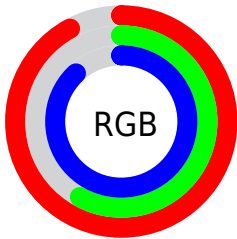
Format	Color
R _Y B	235, 149, 224
Decimal	15439328
CIE Lab	72.59, 43.35, -24.70
CIE LCh	73, 49.888, 330.328
Yxy	44.5389, 0.3265, 0.2488
Android (android.graphics.Color)	4293629408 (0xFFEB95E0)
YUV	183.2640, 20.0828, 45.3725
Hunter-Lab	66.7375, 39.5389, -20.8272

Details

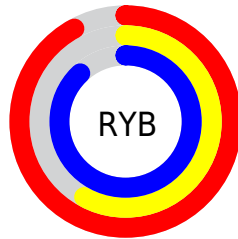
The Yxy color **44.5389, 0.3265, 0.2488** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **68.3177, 0.3015, 0.4253**, and the grayscale version is **47.3846, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.6657, 0.3151, 0.2792**, and **20.6953, 0.3287, 0.2290** is the 20% darker color. If you saturate the color by 10%, you get **37.6780, 0.3312, 0.2281**, and if you desaturate by 10%, it is **52.9062, 0.3222, 0.2707**.

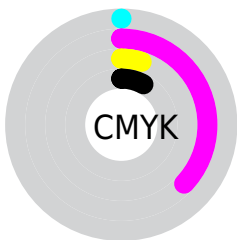
Distribution



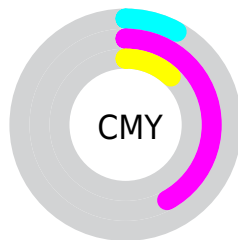
- Red (92%)
- Green (58%)
- Blue (88%)



- Red (92%)
- Yellow (58%)
- Blue (88%)



- Cyan (0%)
- Magenta (37%)
- Yellow (5%)
- Black (8%)





- Cyan (8%)
- Magenta (42%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.5389, 0.3265, 0.2488 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 44.5389, 0.3265, 0.2488 by changing the saturation by 10% instead.

 44.5389, 0.3265,
0.2488


 44.5389, 0.3265,
0.2488


364.9029, 0.3207,
0.2863

 31.0944, 0.3276,
0.2402


 82.0280, 0.3246,
0.2619

 20.6707, 0.3289,
0.2296


 106.8415, 0.3239,
0.2669

 12.8835, 0.3304,
0.2161


136.2133, 0.3232,
0.2713

 7.3484, 0.3319,
0.1986

170.5280, 0.3226,
0.2751

 3.6809, 0.3334,
0.1751

210.1699, 0.3221,
0.2784

 1.4967, 0.3340,
0.1422

255.5234, 0.3216,

 0.2864, 0.3404,

0.2813

0.0681

306.9729, 0.3211,
0.2840

0.0000, 0.2503,
0.0000

0.0000, 0.0000,
0.0000

44.5389, 0.3265,
0.2488

44.5389, 0.3265,
0.2488

37.6780, 0.3312,
0.2281

52.9062, 0.3222,
0.2707

32.2268, 0.3361,
0.2097

62.8571, 0.3183,
0.2930

28.0869, 0.3411,
0.1944

74.4706, 0.3148,
0.3150

25.1445, 0.3460,
0.1832

87.8187, 0.3117,
0.3361

23.2664, 0.3507,
0.1764

95.4038, 0.3095,
0.3450

22.2848, 0.3551,
0.1740

95.5824, 0.3078,
0.3420

22.0598, 0.3566,
0.1738

95.7640, 0.3061,
0.3389

95.9485, 0.3044,
0.3359

96.1361, 0.3027,
0.3330

Harmonies

Analogous

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



44.5389, 0.2590, 0.2250



44.5389, 0.3265, 0.2488



44.5389, 0.3975, 0.2893

Triad

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



44.5389, 0.3265, 0.2488



44.5389, 0.4158, 0.4384



44.5389, 0.1961, 0.2954

Complementary

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



44.5389, 0.3265, 0.2488



68.3177, 0.3015, 0.4253

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.



44.5389, 0.2296, 0.3677



44.5389, 0.3265, 0.2488



44.5389, 0.3557, 0.4592

Square

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



44.5389, 0.3265, 0.2488



44.5389, 0.4503, 0.3926



44.5389, 0.2874, 0.4341



44.5389, 0.1905, 0.2450

Rectangle

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



44.5389, 0.3265, 0.2488



44.5389, 0.4332, 0.3223



44.5389, 0.2874, 0.4341



44.5389, 0.2042, 0.3179

Sweetspot

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



44.5409, 0.3265, 0.2488



83.1625, 0.3163, 0.3052



34.8787, 0.2533, 0.2206



17.3936, 0.3168, 0.3022



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.



44.5409, 0.3265, 0.2488



47.1770, 0.3300, 0.2329



42.5359, 0.3670, 0.2921



15.2788, 0.3157, 0.3087



12.2968, 0.3559, 0.1734



0.9748, 0.3504, 0.1704

Inverse Universe

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



44.5409, 0.3265, 0.2488



47.1770, 0.3300, 0.2329



70.0448, 0.2785, 0.3698



15.2788, 0.3157, 0.3087



12.2968, 0.3559, 0.1734



0.9748, 0.3504, 0.1704

Previews

White Background



This preview shows how the Yxy color 44.5389, 0.3265, 0.2488 looks on a white background.

Color Contrast Check

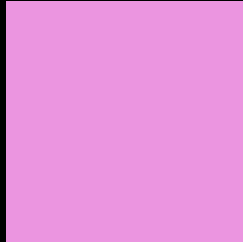
Large Text (above 18pt) WCAG AA × Fail

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 44.5389, 0.3265, 0.2488 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

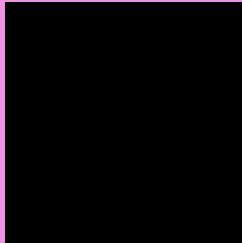
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.5389, 0.3265, 0.2488

Background



This preview shows how black text looks on a background with the Yxy color 44.5389, 0.3265, 0.2488.



This preview shows how white text looks on a background with the Yxy color 44.5389, 0.3265, 0.2488.

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

44.5389, 0.3265, 0.2488

Protanopia

44.9532, 0.2523, 0.2457

Deuteranopia

44.8884, 0.2793, 0.2738



Tritanopia

44.6141, 0.3675, 0.3152

Trichromacy



Original Color

44.5389, 0.3265, 0.2488



Protanomaly

43.9517, 0.2755, 0.2450



Deuteranomaly

44.3632, 0.2952, 0.2634



Tritanomaly

44.5274, 0.3527, 0.2895

Monochromacy



Original Color

44.5389, 0.3265, 0.2488



Achromatopsia

47.3531, 0.3127, 0.3290



Achromatomaly

45.7596, 0.3178, 0.2961

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.5389, 0.3265, 0.2488 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(235, 149, 224)` looks like.

```
.text, #text, p{  
    color:rgb(235, 149, 224)  
}
```

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(235, 149, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 149, 224) }
```

Border

The CSS property to change the border of an element to Yxy 44.5389, 0.3265, 0.2488 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(235, 149, 224) }
```

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

```
.border{ border-color:rgb(235, 149, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 149, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 149, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 149, 224);  
box-shadow:4px 4px 4px 4px rgb(235, 149,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 44.5389, 0.3265, 0.2488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 149, 224) }
```

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

```
.background{ background-color: rgb(235,  
149, 224) }
```

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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