

Converting Colors

$Y_{xy}(24.4590, 0.4109, 0.2393)$

Have a look what the booklet for
Yxy(24.4590, 0.4109, 0.2393)
contains.

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Color

Yxy(24.4590, 0.4109, 0.2393)

Conversions

Conversions Part 1

Format	Color
Hex	E849A0
RGB	232, 73, 160
RGB Percent	91%, 29%, 63%
CMY	0.0903, 0.7135, 0.3726
CMYK	0.00, 0.69, 0.31, 0.09
HSL	327°, 78%, 60%
HSV	327°, 69%, 91%
XYZ	41.9983, 24.4590, 35.7533
YIQ	130.4590, 66.8370, 60.7650

Conversions

Conversions Part 2

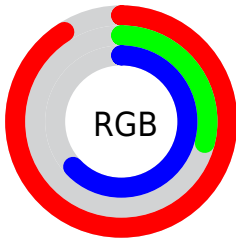
Format	Color
R_{YB}	232, 73, 160
Decimal	15223200
CIE Lab	56.54, 68.14, -12.90
CIE LCh	57, 69.352, 349.278
Yxy	24.4590, 0.4109, 0.2393
Android (android.graphics.Color)	4293413280 (0xFFE849A0)
YUV	130.4590, 14.5637, 89.0515
Hunter-Lab	49.4560, 65.0351, -8.2433

Details

The Yxy color **24.4590, 0.4109, 0.2393** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **61.1629, 0.2729, 0.4546**, and the grayscale version is **22.4304, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.6688, 0.3555, 0.2457**, and **9.8534, 0.4419, 0.2208** is the 20% darker color. If you saturate the color by 10%, you get **21.6049, 0.4325, 0.2344**, and if you desaturate by 10%, it is **28.4830, 0.3905, 0.2484**.

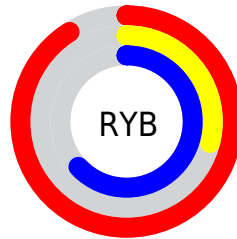
Distribution



Red (91%)

Green (29%)

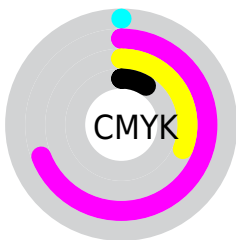
Blue (63%)



Red (91%)

Yellow (29%)

Blue (63%)

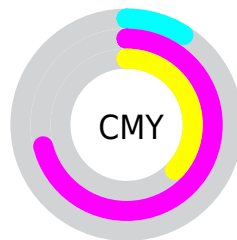


Cyan (0%)

Magenta (69%)

Yellow (31%)

Black (9%)



Cyan (9%)


Magenta (71%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.4590, 0.4109, 0.2393 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 24.4590, 0.4109, 0.2393 by changing the saturation by 10% instead.


 24.4590, 0.4109,
0.2393


 24.4590, 0.4109,
0.2393


275.1329, 0.3586,
0.2856


 15.6745, 0.4250,
0.2274


 50.7782, 0.3911,
0.2564


 9.2941, 0.4437,
0.2121


 69.0816, 0.3839,
0.2627


 4.9335, 0.4696,
0.1915


 91.3268, 0.3779,
0.2680

 2.2083, 0.5074,
0.1628

 117.8982, 0.3728,
0.2726

 0.7245, 0.5680,
0.1198

 149.1800, 0.3685,
0.2765

 0.0000, 0.7408,
0.0000

185.5569, 0.3647,

 0.0000, 1.0000,

0.2799

0.0000

227.4130, 0.3615,
0.2829

0.0000, 0.0000,
0.0000

24.4590, 0.4109,
0.2393

24.4590, 0.4109,
0.2393

21.6049, 0.4325,
0.2344

28.4830, 0.3905,
0.2484

19.7824, 0.4545,
0.2347

33.7872, 0.3720,
0.2604


18.7968, 0.4757,
0.2401

40.4729, 0.3557,
0.2742


18.6806, 0.4789,
0.2412


48.6305, 0.3417,
0.2888

58.3424, 0.3298,
0.3034

 69.6851, 0.3198,
0.3175

 82.7298, 0.3116,
0.3309

 95.2062, 0.3048,
0.3399

 95.8631, 0.2990,
0.3294

Harmonies

Analogous

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



24.4590, 0.2878, 0.1900



24.4590, 0.4109, 0.2393



24.4590, 0.5134, 0.3054

Triad

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



24.4590, 0.4109, 0.2393



24.4590, 0.4036, 0.5335



24.4590, 0.1262, 0.2121

Complementary

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



24.4590, 0.4109, 0.2393



61.1629, 0.2729, 0.4546

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.



24.4590, 0.1435, 0.3056



24.4590, 0.4109, 0.2393



24.4590, 0.2990, 0.5463

Square

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



24.4590, 0.4109, 0.2393



24.4590, 0.4932, 0.4596



24.4590, 0.2030, 0.4464



24.4590, 0.1431, 0.1709

Rectangle

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



24.4590, 0.4109, 0.2393



24.4590, 0.5409, 0.3538



24.4590, 0.2030, 0.4464



24.4590, 0.1278, 0.2367

Sweetspot

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



24.4603, 0.4109, 0.2393



68.9982, 0.3327, 0.2996



16.5767, 0.2318, 0.1346



14.0416, 0.3359, 0.2955



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.



24.4603, 0.4109, 0.2393



25.7537, 0.4411, 0.2339



22.5171, 0.5319, 0.3225



14.4992, 0.3207, 0.3162



10.3991, 0.4756, 0.2394



0.7871, 0.4468, 0.2235

Inverse Universe

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



24.4603, 0.4109, 0.2393



25.7537, 0.4411, 0.2339



64.5004, 0.2369, 0.3392



14.4992, 0.3207, 0.3162



10.3991, 0.4756, 0.2394



0.7871, 0.4468, 0.2235

Previews

White Background



This preview shows how the Yxy color 24.4590, 0.4109, 0.2393 looks on a white background.

Color Contrast Check

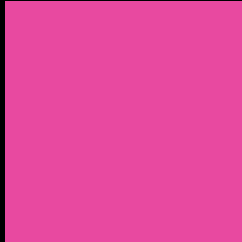
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.4590, 0.4109, 0.2393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

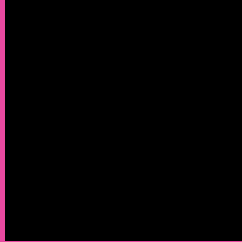
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.4590, 0.4109, 0.2393

Background



This preview shows how black text looks on a background with the Yxy color 24.4590, 0.4109, 0.2393.



This preview shows how white text looks on a background with the Yxy color 24.4590, 0.4109, 0.2393.

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

24.4590, 0.4109, 0.2393

Protanopia

24.8727, 0.2355, 0.2243

Deuteranopia

24.5203, 0.3032, 0.2965



Tritanopia

24.4694, 0.4957, 0.3243

Trichromacy



Original Color

24.4590, 0.4109, 0.2393



Protanomaly

22.2441, 0.2833, 0.2213



Deuteranomaly

22.8494, 0.3404, 0.2657



Tritanomaly

24.3306, 0.4662, 0.2923

Monochromacy



Original Color

24.4590, 0.4109, 0.2393



Achromatopsia

22.3228, 0.3127, 0.3290



Achromatomaly

21.0759, 0.3487, 0.2804

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.4590, 0.4109, 0.2393 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(232, 73, 160)` looks like.

```
.text, #text, p{  
    color:rgb(232, 73, 160)  
}
```

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(232, 73, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 73, 160) }
```

Border

The CSS property to change the border of an element to Yxy 24.4590, 0.4109, 0.2393 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(232, 73, 160) }
```

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

```
.border{ border-color:rgb(232, 73, 160) }
```

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

Here you see how a box with a 4 pixel rgb(232, 73, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 73, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 73, 160);  
box-shadow:4px 4px 4px 4px rgb(232, 73,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 24.4590, 0.4109, 0.2393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 73, 160) }
```

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

```
.background{ background-color: rgb(232, 73,  
160) }
```

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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