

Converting Colors

$Y_{xy}(24.2719, 0.4054, 0.2479)$

Have a look what the booklet for
Yxy(24.2719, 0.4054, 0.2479)
contains.

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Color

Yxy(24.2822, 0.4053, 0.2476)

Conversions

Conversions Part 1

Format	Color
Hex	E0529C
RGB	224, 82, 156
RGB Percent	88%, 32%, 61%
CMY	0.1217, 0.6782, 0.3883
CMYK	0.00, 0.63, 0.30, 0.12
HSL	329°, 70%, 60%
HSV	329°, 63%, 88%
XYZ	39.7479, 24.2822, 34.0402
YIQ	132.8940, 60.8780, 53.1180

Conversions

Conversions Part 2

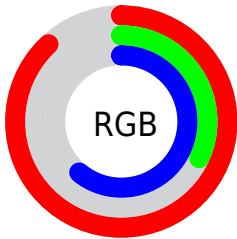
Format	Color
R _Y B	224, 82, 156
Decimal	14701212
CIE Lab	56.37, 61.97, -10.97
CIE LCh	56, 62.932, 349.966
Yxy	24.2822, 0.4053, 0.2476
Android (android.graphics.Color)	4292891292 (0xFFE0529C)
YUV	132.8940, 11.3913, 79.9000
Hunter-Lab	49.2770, 57.7473, -6.4632

Details

The Yxy color **24.2822, 0.4053, 0.2476** 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 **57.2872, 0.2721, 0.4374**, and the grayscale version is **23.3630, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.3784, 0.3595, 0.2569**, and **9.2363, 0.4369, 0.2220** is the 20% darker color. If you saturate the color by 10%, you get **21.0892, 0.4279, 0.2409**, and if you desaturate by 10%, it is **28.6118, 0.3845, 0.2578**.

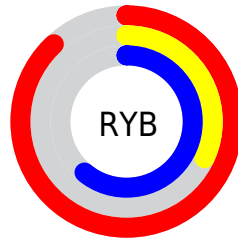
Distribution



Red (88%)

Green (32%)

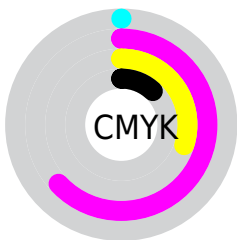
Blue (61%)



Red (88%)

Yellow (32%)

Blue (61%)

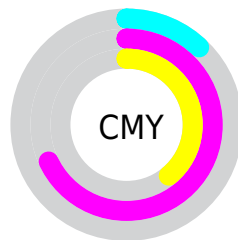


Cyan (0%)

Magenta (63%)

Yellow (30%)

Black (12%)



Cyan (12%)


Magenta (68%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.2822, 0.4053, 0.2476 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 24.2822, 0.4053, 0.2476 by changing the saturation by 10% instead.


 24.2822, 0.4053,
0.2476

 24.2822, 0.4053,
0.2476


274.2441, 0.3556,
0.2900

 15.5431, 0.4189,
0.2365


 50.4903, 0.3864,
0.2634

 9.2014, 0.4370,
0.2221


 68.7281, 0.3795,
0.2692

 4.8728, 0.4622,
0.2024


 90.9009, 0.3739,
0.2741

 2.1728, 0.4998,
0.1746

 117.3932, 0.3691,
0.2782

 0.7051, 0.5615,
0.1310

148.5892, 0.3650,
0.2818

 0.0000, 0.7798,
0.0000

184.8734, 0.3614,


 0.0000, 1.0000,

0.2849


0.0000


226.6303, 0.3583,
0.2876


 0.0000, 0.0000,
0.0000


 24.2822, 0.4053,
0.2476


 24.2822, 0.4053,
0.2476

 21.0892, 0.4279,
0.2409


 28.6118, 0.3845,
0.2578


 18.9163, 0.4514,
0.2389


 34.1719, 0.3660,
0.2703


 17.6288, 0.4746,
0.2424

 41.0506, 0.3500,
0.2839


 17.1174, 0.4896,
0.2471

 49.3270, 0.3364,
0.2979

 59.0739, 0.3250,
0.3116

 70.3589, 0.3155,
0.3248

 83.2455, 0.3077,
0.3371

 93.7595, 0.3012,
0.3424

 94.4225, 0.2953,
0.3314

Harmonies

Analogous

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



24.2822, 0.2930, 0.2003



24.2822, 0.4053, 0.2476



24.2822, 0.4973, 0.3108

Triad

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



24.2822, 0.4053, 0.2476



24.2822, 0.3984, 0.5193



24.2822, 0.1384, 0.2209

Complementary

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



24.2822, 0.4053, 0.2476



57.2872, 0.2721, 0.4374

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.



24.2822, 0.1552, 0.3068



24.2822, 0.4053, 0.2476



24.2822, 0.3008, 0.5235

Square

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



24.2822, 0.4053, 0.2476



24.2822, 0.4807, 0.4560



24.2822, 0.2112, 0.4319



24.2822, 0.1551, 0.1817

Rectangle

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



24.2822, 0.4053, 0.2476



24.2822, 0.5226, 0.3572



24.2822, 0.2112, 0.4319



24.2822, 0.1400, 0.2438

Sweetspot

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



24.2835, 0.4053, 0.2476



71.4824, 0.3314, 0.3037



17.7443, 0.2417, 0.1493



14.5212, 0.3348, 0.2998



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.



24.2835, 0.4053, 0.2476



27.2338, 0.4353, 0.2397



22.5681, 0.5103, 0.3248



13.8192, 0.3211, 0.3168



9.9913, 0.4863, 0.2453



0.7106, 0.4539, 0.2274

Inverse Universe

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



24.2835, 0.4053, 0.2476



27.2338, 0.4353, 0.2397



60.2109, 0.2390, 0.3351



13.8192, 0.3211, 0.3168



9.9913, 0.4863, 0.2453



0.7106, 0.4539, 0.2274

Previews

White Background



This preview shows how the Yxy color 24.2822, 0.4053, 0.2476 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 24.2822, 0.4053, 0.2476 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

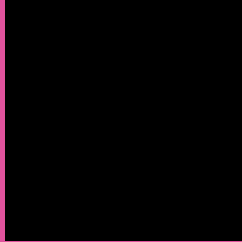
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.2822, 0.4053, 0.2476

Background



This preview shows how black text looks on a background with the Yxy color 24.2822, 0.4053, 0.2476.



This preview shows how white text looks on a background with the Yxy color 24.2822, 0.4053, 0.2476.

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

24.2822, 0.4053, 0.2476

Protanopia

24.7075, 0.2465, 0.2387

Deuteranopia

24.5121, 0.3073, 0.3013



Tritanopia

24.3396, 0.4768, 0.3228

Trichromacy



Original Color

24.2822, 0.4053, 0.2476



Protanomaly

22.6842, 0.2922, 0.2353



Deuteranomaly

23.0723, 0.3400, 0.2733



Tritanomaly

24.0650, 0.4515, 0.2943

Monochromacy



Original Color

24.2822, 0.4053, 0.2476



Achromatopsia

23.4551, 0.3127, 0.3290



Achromatomaly

22.0647, 0.3463, 0.2878

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.2822, 0.4053, 0.2476 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(224, 82, 156)` looks like.

```
.text, #text, p{  
    color:rgb(224, 82, 156)  
}
```

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(224, 82, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 82, 156) }
```

Border

The CSS property to change the border of an element to Yxy 24.2822, 0.4053, 0.2476 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(224, 82, 156) }
```

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

```
.border{ border-color:rgb(224, 82, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 82, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 82, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 82, 156);  
box-shadow:4px 4px 4px 4px rgb(224, 82,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 24.2822, 0.4053, 0.2476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 82, 156) }
```

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

```
.background{ background-color: rgb(224, 82,  
156) }
```

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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