

Converting Colors

$Y_{xy}(24.2491, 0.3778, 0.2344)$

Have a look what the booklet for
Yxy(24.2491, 0.3778, 0.2344)
contains.

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Color

Yxy(24.2719, 0.3777, 0.2344)

Conversions

Conversions Part 1

Format	Color
Hex	D956A9
RGB	217, 86, 169
RGB Percent	85%, 34%, 66%
CMY	0.1489, 0.6628, 0.3372
CMYK	0.00, 0.60, 0.22, 0.15
HSL	322°, 63%, 59%
HSV	322°, 60%, 85%
XYZ	39.1105, 24.2719, 40.1667
YIQ	134.6310, 51.4330, 53.5850

Conversions

Conversions Part 2

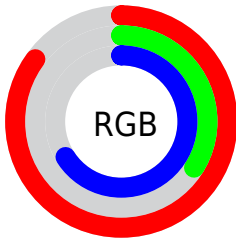
Format	Color
R _{YB}	217, 86, 169
Decimal	14243497
CIE _{Lab}	56.36, 60.00, -18.68
CIE _{LCh}	56, 62.845, 342.707
Yxy	24.2719, 0.3777, 0.2344
Android (android.graphics.Color)	4292433577 (0xFFD956A9)
YUV	134.6310, 16.9439, 72.2376
Hunter-Lab	49.2665, 55.4867, -13.8522

Details

The Yxy color **24.2719, 0.3777, 0.2344** 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 **53.3360, 0.2807, 0.4543**, and the grayscale version is **24.0056, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.9878, 0.3454, 0.2468**, and **9.2291, 0.3981, 0.2065** is the 20% darker color. If you saturate the color by 10%, you get **21.0291, 0.3935, 0.2242**, and if you desaturate by 10%, it is **28.5869, 0.3631, 0.2478**.

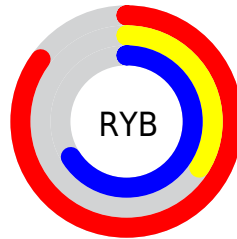
Distribution



Red (85%)

Green (34%)

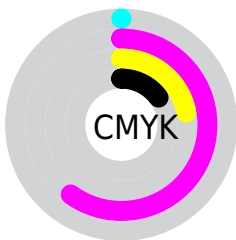
Blue (66%)



Red (85%)

Yellow (34%)

Blue (66%)

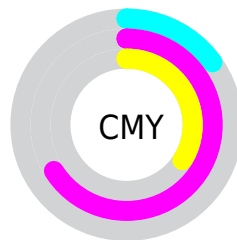


Cyan (0%)

Magenta (60%)

Yellow (22%)

Black (15%)



Cyan (15%)


Magenta (66%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.2719, 0.3777, 0.2344 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 24.2719, 0.3777, 0.2344 by changing the saturation by 10% instead.


 24.2719, 0.3777,
0.2344


 24.2719, 0.3777,
0.2344


274.1922, 0.3438,
0.2826


 15.5354, 0.3866,
0.2222


 50.4735, 0.3651,
0.2521

 9.1960, 0.3982,
0.2065


 68.7075, 0.3604,
0.2587

 4.8693, 0.4139,
0.1857


 90.8761, 0.3565,
0.2642

 2.1708, 0.4365,
0.1570

 117.3637, 0.3532,
0.2690

 0.7040, 0.4718,
0.1142

148.5547, 0.3504,
0.2731

 0.0000, 0.5603,
0.0000

184.8336, 0.3479,

 0.0000, 1.0000,

0.2767

0.0000

226.5846, 0.3457,
0.2798

■ 0.0000, 0.0000,
0.0000

■ 24.2719, 0.3777,
0.2344

■ 24.2719, 0.3777,
0.2344

■ 21.0291, 0.3935,
0.2242

■ 28.5869, 0.3631,
0.2478

■ 18.7561, 0.4100,
0.2183

■ 34.0571, 0.3499,
0.2633

■ 17.3363, 0.4264,
0.2174

■ 40.7615, 0.3384,
0.2797

■ 16.5761, 0.4420,
0.2208

■ 48.7710, 0.3285,
0.2964

■ 58.1510, 0.3201,
0.3128

■ 68.9627, 0.3130,
0.3284

■ 81.2634, 0.3070,
0.3431

■ 92.1368, 0.3021,
0.3522

■ 92.6005, 0.2978,
0.3438

Harmonies

Analogous

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



24.2719, 0.2686, 0.1924



24.2719, 0.3777, 0.2344



24.2719, 0.4798, 0.2947

Triad

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



24.2719, 0.3777, 0.2344



24.2719, 0.4205, 0.5069



24.2719, 0.1394, 0.2371

Complementary

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



24.2719, 0.3777, 0.2344



53.3360, 0.2807, 0.4543

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.



24.2719, 0.1651, 0.3350



24.2719, 0.3777, 0.2344



24.2719, 0.3247, 0.5309

Square

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



24.2719, 0.3777, 0.2344



24.2719, 0.4955, 0.4378



24.2719, 0.2307, 0.4608



24.2719, 0.1483, 0.1877

Rectangle

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



24.2719, 0.3777, 0.2344



24.2719, 0.5171, 0.3401



24.2719, 0.2307, 0.4608



24.2719, 0.1438, 0.2641

Sweetspot

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



24.2731, 0.3777, 0.2344



73.0939, 0.3265, 0.3001



16.5569, 0.2316, 0.1513



14.8493, 0.3292, 0.2952



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.



24.2731, 0.3777, 0.2344



29.4370, 0.3972, 0.2224



22.4411, 0.4729, 0.3073



13.1897, 0.3193, 0.3143



10.0529, 0.4397, 0.2196



0.6676, 0.4153, 0.2062

Inverse Universe

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



24.2731, 0.3777, 0.2344



29.4370, 0.3972, 0.2224



55.6631, 0.2483, 0.3564



13.1897, 0.3193, 0.3143



10.0529, 0.4397, 0.2196



0.6676, 0.4153, 0.2062

Previews

White Background



This preview shows how the Yxy color 24.2719, 0.3777, 0.2344 looks on a white background.

Color Contrast Check

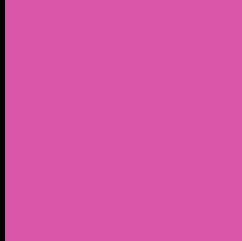
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.2719, 0.3777, 0.2344 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

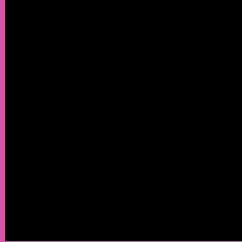
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.2719, 0.3777, 0.2344

Background



This preview shows how black text looks on a background with the Yxy color 24.2719, 0.3777, 0.2344.



This preview shows how white text looks on a background with the Yxy color 24.2719, 0.3777, 0.2344.

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

24.2719, 0.3777, 0.2344

Protanopia

24.5142, 0.2331, 0.2211

Deuteranopia

24.6179, 0.2871, 0.2820



Tritanopia

24.2390, 0.4532, 0.3209

Trichromacy



Original Color

24.2719, 0.3777, 0.2344



Protanomaly

22.7364, 0.2736, 0.2204



Deuteranomaly

23.2067, 0.3161, 0.2569



Tritanomaly

24.1236, 0.4261, 0.2883

Monochromacy



Original Color

24.2719, 0.3777, 0.2344



Achromatopsia

24.2281, 0.3127, 0.3290



Achromatomaly

22.8285, 0.3370, 0.2834

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.2719, 0.3777, 0.2344 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(217, 86, 169)` looks like.

```
.text, #text, p{  
    color:rgb(217, 86, 169)  
}
```

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(217, 86, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 86, 169) }
```

Border

The CSS property to change the border of an element to Yxy 24.2719, 0.3777, 0.2344 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(217, 86, 169) }
```

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

```
.border{ border-color:rgb(217, 86, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 86, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 86, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 86, 169);  
box-shadow:4px 4px 4px 4px rgb(217, 86,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 24.2719, 0.3777, 0.2344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 86, 169) }
```

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

```
.background{ background-color: rgb(217, 86,  
169) }
```

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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