

Converting Colors

$Y_{xy}(24.4747, 0.3930, 0.2425)$

Have a look what the booklet for
Yxy(24.4747, 0.3930, 0.2425)
contains.

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Color

Yxy(24.4778, 0.3924, 0.2426)

Conversions

Conversions Part 1

Format	Color
Hex	DD55A2
RGB	221, 85, 162
RGB Percent	87%, 33%, 64%
CMY	0.1333, 0.6667, 0.3646
CMYK	0.00, 0.62, 0.27, 0.13
HSL	326°, 67%, 60%
HSV	326°, 62%, 87%
XYZ	39.5923, 24.4778, 36.8277
YIQ	134.4420, 56.3390, 52.7790

Conversions

Conversions Part 2

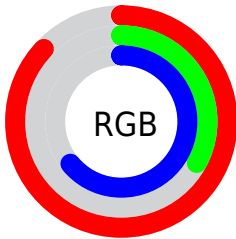
Format	Color
R _Y B	221, 85, 162
Decimal	14505378
CIE Lab	56.56, 60.65, -14.24
CIE LCh	57, 62.295, 346.786
Yxy	24.4778, 0.3924, 0.2426
Android (android.graphics.Color)	4292695458 (0xFFDD55A2)
YUV	134.4420, 13.5861, 75.9114
Hunter-Lab	49.4750, 56.2629, -9.5011

Details

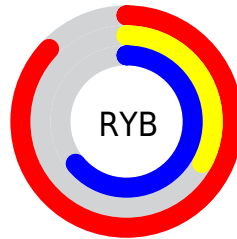
The Yxy color **24.4778, 0.3924, 0.2426** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **55.6627, 0.2758, 0.4432**, and the grayscale version is **23.9448, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.3195, 0.3523, 0.2522**, and **9.2729, 0.4192, 0.2166** is the 20% darker color. If you saturate the color by 10%, you get **21.1981, 0.4121, 0.2342**, and if you desaturate by 10%, it is **28.8723, 0.3743, 0.2543**.

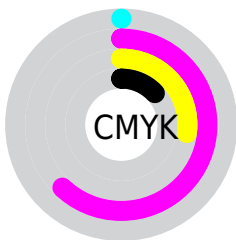
Distribution



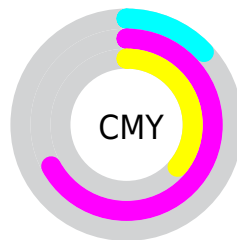
- Red (87%)
- Green (33%)
- Blue (64%)



- Red (87%)
- Yellow (33%)
- Blue (64%)



- Cyan (0%)
- Magenta (62%)
- Yellow (27%)
- Black (13%)



- Cyan (13%)
- Magenta (67%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.4778, 0.3924, 0.2426 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 24.4778, 0.3924, 0.2426 by changing the saturation by 10% instead.


 24.4778, 0.3924,
0.2426


 24.4778, 0.3924,
0.2426


275.2273, 0.3501,
0.2871


 15.6884, 0.4038,
0.2311


 50.8088, 0.3764,
0.2591


 9.3040, 0.4188,
0.2163


 69.1192, 0.3706,
0.2652

 4.9400, 0.4397,
0.1964


 91.3721, 0.3658,
0.2703

 2.2121, 0.4702,
0.1684

 117.9518, 0.3617,
0.2747

 0.7266, 0.5195,
0.1261

149.2428, 0.3582,
0.2784

 0.0000, 0.6643,
0.0000

185.6294, 0.3551,

 0.0000, 1.0000,

0.2817

0.0000

227.4961, 0.3524,
0.2846

■ 0.0000, 0.0000,
0.0000

■ 24.4778, 0.3924,
0.2426

■ 24.4778, 0.3924,
0.2426

■ 21.1981, 0.4121,
0.2342

■ 28.8723, 0.3743,
0.2543

■ 18.9238, 0.4326,
0.2303

■ 34.4699, 0.3582,
0.2681

■ 17.5298, 0.4532,
0.2316

■ 41.3544, 0.3442,
0.2829

■ 16.8583, 0.4701,
0.2363

■ 49.6008, 0.3323,
0.2980

■ 59.2785, 0.3223,
0.3128

■ 70.4520, 0.3139,
0.3269

■ 83.1819, 0.3069,
0.3401

■ 93.1082, 0.3012,
0.3457

■ 93.6890, 0.2959,
0.3358

Harmonies

Analogous

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



24.4778, 0.2825, 0.1979



24.4778, 0.3924, 0.2426



24.4778, 0.4880, 0.3041

Triad

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



24.4778, 0.3924, 0.2426



24.4778, 0.4077, 0.5124



24.4778, 0.1401, 0.2289

Complementary

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



24.4778, 0.3924, 0.2426



55.6627, 0.2758, 0.4432

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.



24.4778, 0.1608, 0.3192



24.4778, 0.3924, 0.2426



24.4778, 0.3116, 0.5248

Square

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



24.4778, 0.3924, 0.2426



24.4778, 0.4860, 0.4474



24.4778, 0.2207, 0.4433



24.4778, 0.1533, 0.1855

Rectangle

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



24.4778, 0.3924, 0.2426



24.4778, 0.5184, 0.3499



24.4778, 0.2207, 0.4433



24.4778, 0.1430, 0.2534

Sweetspot

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



24.4790, 0.3924, 0.2426



72.9135, 0.3287, 0.3031



17.6404, 0.2400, 0.1524



14.8052, 0.3318, 0.2987



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.



24.4790, 0.3924, 0.2426



28.2147, 0.4183, 0.2325



22.6791, 0.4949, 0.3199



13.1744, 0.3204, 0.3158



9.8154, 0.4672, 0.2347



0.6531, 0.4368, 0.2180

Inverse Universe

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



24.4790, 0.3924, 0.2426



28.2147, 0.4183, 0.2325



58.4000, 0.2423, 0.3411



13.1744, 0.3204, 0.3158



9.8154, 0.4672, 0.2347



0.6531, 0.4368, 0.2180

Previews

White Background



This preview shows how the Yxy color 24.4778, 0.3924, 0.2426 looks on a white background.

Color Contrast Check

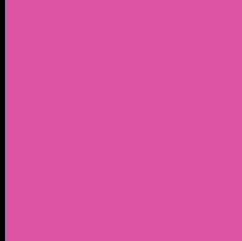
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.4778, 0.3924, 0.2426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

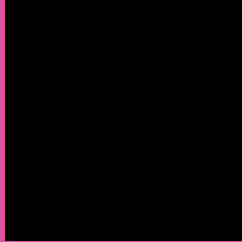
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.4778, 0.3924, 0.2426

Background



This preview shows how black text looks on a background with the Yxy color 24.4778, 0.3924, 0.2426.



This preview shows how white text looks on a background with the Yxy color 24.4778, 0.3924, 0.2426.

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

24.4778, 0.3924, 0.2426

Protanopia

24.7944, 0.2415, 0.2321

Deuteranopia

24.8043, 0.2991, 0.2933



Tritanopia

24.3542, 0.4649, 0.3213

Trichromacy



Original Color

24.4778, 0.3924, 0.2426



Protanomaly

22.8215, 0.2842, 0.2298



Deuteranomaly

23.5055, 0.3300, 0.2675



Tritanomaly

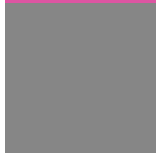
24.2405, 0.4392, 0.2909

Monochromacy



Original Color

24.4778, 0.3924, 0.2426



Achromatopsia

23.8398, 0.3127, 0.3290



Achromatomaly

22.6114, 0.3421, 0.2864

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.4778, 0.3924, 0.2426 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(221, 85, 162)` looks like.

```
.text, #text, p{  
    color:rgb(221, 85, 162)  
}
```

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(221, 85, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 85, 162) }
```

Border

The CSS property to change the border of an element to Yxy 24.4778, 0.3924, 0.2426 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(221, 85, 162) }
```

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

```
.border{ border-color:rgb(221, 85, 162) }
```

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

Here you see how a box with a 4 pixel rgb(221, 85, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 85, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 85, 162);  
box-shadow:4px 4px 4px 4px rgb(221, 85,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 24.4778, 0.3924, 0.2426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 85, 162) }
```

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

```
.background{ background-color: rgb(221, 85,  
162) }
```

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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