

Converting Colors

$Y_{xy}(24.7588, 0.3784, 0.2363)$

Have a look what the booklet for
Yxy(24.7588, 0.3784, 0.2363)
contains.

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Color

Yxy(24.7494, 0.3785, 0.2367)

Conversions

Conversions Part 1

Format	Color
Hex	DA58A9
RGB	218, 88, 169
RGB Percent	85%, 35%, 66%
CMY	0.1449, 0.6551, 0.3372
CMYK	0.00, 0.60, 0.22, 0.14
HSL	323°, 64%, 60%
HSV	323°, 60%, 86%
XYZ	39.5760, 24.7494, 40.2348
YIQ	136.1040, 51.4790, 52.7510

Conversions

Conversions Part 2

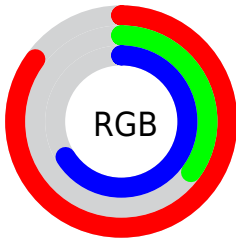
Format	Color
R _Y B	218, 88, 169
Decimal	14309545
CIE Lab	56.83, 59.44, -17.95
CIE LCh	57, 62.093, 343.197
Yxy	24.7494, 0.3785, 0.2367
Android (android.graphics.Color)	4292499625 (0xFFDA58A9)
YUV	136.1040, 16.2177, 71.8228
Hunter-Lab	49.7488, 54.9396, -13.1272

Details

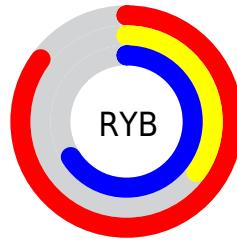
The Yxy color **24.7494, 0.3785, 0.2367** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **54.0458, 0.2802, 0.4504**, and the grayscale version is **24.5815, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.5883, 0.3452, 0.2487**, and **9.4967, 0.3992, 0.2097** is the 20% darker color. If you saturate the color by 10%, you get **21.3933, 0.3948, 0.2264**, and if you desaturate by 10%, it is **29.1974, 0.3635, 0.2501**.

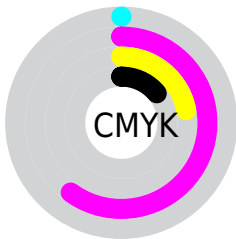
Distribution



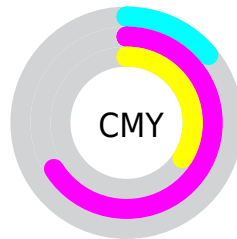
- Red (85%)
- Green (35%)
- Blue (66%)



- Red (85%)
- Yellow (35%)
- Blue (66%)



- Cyan (0%)
- Magenta (60%)
- Yellow (22%)
- Black (14%)



- Cyan (14%)
- Magenta (66%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.7494, 0.3785, 0.2367 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 24.7494, 0.3785, 0.2367 by changing the saturation by 10% instead.


 24.7494, 0.3785,
0.2367


 24.7494, 0.3785,
0.2367


276.5876, 0.3442,
0.2837


 15.8904, 0.3875,
0.2248


 51.2504, 0.3657,
0.2539

 9.4467, 0.3993,
0.2095


 69.6612, 0.3610,
0.2604

 5.0337, 0.4153,
0.1891


 92.0248, 0.3571,
0.2658

 2.2670, 0.4383,
0.1610

 118.7255, 0.3537,
0.2704

 0.7562, 0.4740,
0.1199

150.1477, 0.3508,
0.2744

 0.0000, 0.5682,
0.0000

186.6759, 0.3483,

 0.0000, 1.0000,

0.2779

0.0000

228.6944, 0.3461,
0.2810

0.0000, 0.0000,
0.0000

24.7494, 0.3785,
0.2367

24.7494, 0.3785,
0.2367

21.3933, 0.3948,
0.2264

29.1974, 0.3635,
0.2501

19.0262, 0.4118,
0.2204

34.8204, 0.3501,
0.2654

17.5322, 0.4290,
0.2194

41.6979, 0.3383,
0.2817

16.7104, 0.4457,
0.2231

49.9011, 0.3282,
0.2981

16.6863, 0.4463,
0.2232

59.4960, 0.3197,
0.3142

■ 70.5441, 0.3125,
0.3295

■ 83.1032, 0.3065,
0.3439

■ 92.4171, 0.3016,
0.3499

■ 92.9026, 0.2971,
0.3413

Harmonies

Analogous

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



24.7494, 0.2710, 0.1948



24.7494, 0.3785, 0.2367



24.7494, 0.4781, 0.2965

Triad

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



24.7494, 0.3785, 0.2367



24.7494, 0.4180, 0.5052



24.7494, 0.1416, 0.2377

Complementary

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



24.7494, 0.3785, 0.2367



54.0458, 0.2802, 0.4504

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.



24.7494, 0.1667, 0.3332



24.7494, 0.3785, 0.2367



24.7494, 0.3235, 0.5266

Square

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



24.7494, 0.3785, 0.2367



24.7494, 0.4921, 0.4382



24.7494, 0.2310, 0.4562



24.7494, 0.1509, 0.1894

Rectangle

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



24.7494, 0.3785, 0.2367



24.7494, 0.5141, 0.3416



24.7494, 0.2310, 0.4562



24.7494, 0.1459, 0.2641

Sweetspot

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



24.7506, 0.3785, 0.2367



73.0654, 0.3268, 0.3006



17.2429, 0.2348, 0.1542



14.8424, 0.3296, 0.2958



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.



24.7506, 0.3785, 0.2367



29.3542, 0.3998, 0.2241



22.9117, 0.4732, 0.3100



13.1873, 0.3195, 0.3145



10.0135, 0.4439, 0.2219



0.6653, 0.4186, 0.2080

Inverse Universe

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



24.7506, 0.3785, 0.2367



29.3542, 0.3998, 0.2241



56.4429, 0.2477, 0.3529



13.1873, 0.3195, 0.3145



10.0135, 0.4439, 0.2219



0.6653, 0.4186, 0.2080

Previews

White Background



This preview shows how the Yxy color 24.7494, 0.3785, 0.2367 looks on a white background.

Color Contrast Check

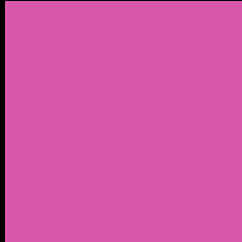
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.7494, 0.3785, 0.2367 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

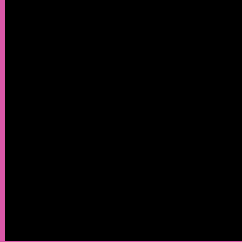
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.7494, 0.3785, 0.2367

Background



This preview shows how black text looks on a background with the Yxy color 24.7494, 0.3785, 0.2367.



This preview shows how white text looks on a background with the Yxy color 24.7494, 0.3785, 0.2367.

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

24.7494, 0.3785, 0.2367

Protanopia

25.2650, 0.2358, 0.2248

Deuteranopia

25.0621, 0.2892, 0.2839



Tritanopia

24.7530, 0.4533, 0.3210

Trichromacy



Original Color

24.7494, 0.3785, 0.2367



Protanomaly

23.3939, 0.2759, 0.2238



Deuteranomaly

23.6547, 0.3184, 0.2589



Tritanomaly

24.6352, 0.4265, 0.2887

Monochromacy



Original Color

24.7494, 0.3785, 0.2367



Achromatopsia

24.6201, 0.3127, 0.3290



Achromatomaly

23.4388, 0.3366, 0.2852

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.7494, 0.3785, 0.2367 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(218, 88, 169)` looks like.

```
.text, #text, p{  
    color:rgb(218, 88, 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(218, 88, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 88, 169) }
```

Border

The CSS property to change the border of an element to Yxy 24.7494, 0.3785, 0.2367 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(218, 88, 169) }
```

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

```
.border{ border-color:rgb(218, 88, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 88, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(218, 88, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(218, 88, 169); box-shadow:4px 4px 4px 4px rgb(218, 88, 169) }
```


Background

The CSS property to change the background color of an element to Yxy 24.7494, 0.3785, 0.2367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 88, 169) }
```

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

```
.background{ background-color: rgb(218, 88,  
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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