

Converting Colors

$Y_{xy}(24.0277, 0.3811, 0.2319)$

Have a look what the booklet for
Yxy(24.0277, 0.3811, 0.2319)
contains.

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Color

Yxy(23.9592, 0.3808, 0.2316)

Conversions

Conversions Part 1

Format	Color
Hex	DB52A9
RGB	219, 82, 169
RGB Percent	86%, 32%, 66%
CMY	0.1412, 0.6784, 0.3371
CMYK	0.00, 0.63, 0.23, 0.14
HSL	322°, 66%, 59%
HSV	322°, 63%, 86%
XYZ	39.3941, 23.9592, 40.0975
YIQ	132.8810, 53.7250, 56.1010

Conversions

Conversions Part 2

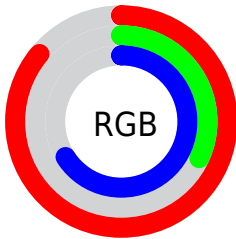
Format	Color
R _Y B	219, 82, 169
Decimal	14373545
CIE Lab	56.05, 62.25, -19.14
CIE LCh	56, 65.121, 342.910
Yxy	23.9592, 0.3808, 0.2316
Android (android.graphics.Color)	4292563625 (0xFFDB52A9)
YUV	132.8810, 17.8067, 75.5264
Hunter-Lab	48.9481, 57.9997, -14.3057

Details

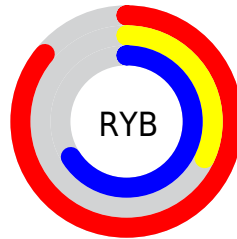
The Yxy color **23.9592, 0.3808, 0.2316** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **54.1222, 0.2803, 0.4601**, and the grayscale version is **23.3303, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.1071, 0.3458, 0.2440**, and **8.9973, 0.4011, 0.2024** is the 20% darker color. If you saturate the color by 10%, you get **20.8770, 0.3967, 0.2222**, and if you desaturate by 10%, it is **28.1157, 0.3660, 0.2444**.

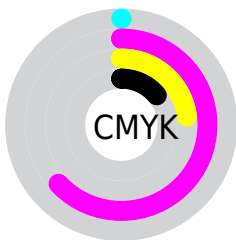
Distribution



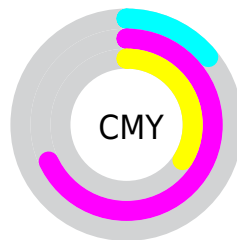
- Red (86%)
- Green (32%)
- Blue (66%)



- Red (86%)
- Yellow (32%)
- Blue (66%)



- Cyan (0%)
- Magenta (63%)
- Yellow (23%)
- Black (14%)





- Cyan (14%)
- Magenta (68%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.9592, 0.3808, 0.2316 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 23.9592, 0.3808, 0.2316 by changing the saturation by 10% instead.


 23.9592, 0.3808,
0.2316


 23.9592, 0.3808,
0.2316


272.6141, 0.3453,
0.2812


 15.3034, 0.3901,
0.2191


 49.9636, 0.3676,
0.2498

 9.0326, 0.4022,
0.2030

 68.0810, 0.3627,
0.2565

 4.7624, 0.4188,
0.1817


 90.1210, 0.3586,
0.2623

 2.1086, 0.4424,
0.1525

 116.4680, 0.3551,
0.2672

 0.6694, 0.4796,
0.1085

147.5064, 0.3522,
0.2714

 0.0000, 0.5678,
0.0000

183.6206, 0.3496,

 0.0000, 1.0000,

0.2751

0.0000

225.1951, 0.3473,
0.2783

■ 0.0000, 0.0000,
0.0000

■ 23.9592, 0.3808,
0.2316

■ 23.9592, 0.3808,
0.2316

■ 20.8770, 0.3967,
0.2222

■ 28.1157, 0.3660,
0.2444

■ 18.7608, 0.4132,
0.2173

■ 33.4339, 0.3525,
0.2596

■ 17.4859, 0.4295,
0.2176

■ 39.9961, 0.3407,
0.2759

■ 16.9276, 0.4414,
0.2205

■ 47.8763, 0.3305,
0.2927

■ 57.1425, 0.3217,
0.3092

■ 67.8581, 0.3144,
0.3251

■ 80.0826, 0.3082,
0.3401

■ 92.4595, 0.3031,
0.3518

■ 92.9264, 0.2987,
0.3434

Harmonies

Analogous

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



23.9592, 0.2674, 0.1885



23.9592, 0.3808, 0.2316



23.9592, 0.4870, 0.2933

Triad

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



23.9592, 0.3808, 0.2316



23.9592, 0.4220, 0.5127



23.9592, 0.1341, 0.2327

Complementary

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



23.9592, 0.3808, 0.2316



54.1222, 0.2803, 0.4601

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.



23.9592, 0.1597, 0.3337



23.9592, 0.3808, 0.2316



23.9592, 0.3231, 0.5396

Square

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



23.9592, 0.3808, 0.2316



23.9592, 0.5004, 0.4401



23.9592, 0.2265, 0.4662



23.9592, 0.1436, 0.1829

Rectangle

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



23.9592, 0.3808, 0.2316



23.9592, 0.5251, 0.3396



23.9592, 0.2265, 0.4662



23.9592, 0.1384, 0.2603

Sweetspot

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



23.9604, 0.3808, 0.2316



71.8015, 0.3273, 0.2984



15.8911, 0.2280, 0.1449



14.5984, 0.3300, 0.2935



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.



23.9604, 0.3808, 0.2316



28.4115, 0.4018, 0.2202



22.0651, 0.4822, 0.3070



13.1900, 0.3193, 0.3143



10.0589, 0.4391, 0.2193



0.6680, 0.4148, 0.2059

Inverse Universe

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



23.9604, 0.3808, 0.2316



28.4115, 0.4018, 0.2202



56.5550, 0.2469, 0.3576



13.1900, 0.3193, 0.3143



10.0589, 0.4391, 0.2193



0.6680, 0.4148, 0.2059

Previews

White Background



This preview shows how the Yxy color 23.9592, 0.3808, 0.2316 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 23.9592, 0.3808, 0.2316 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

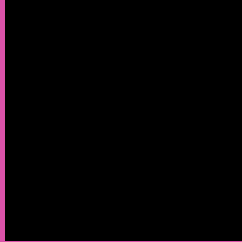
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.9592, 0.3808, 0.2316

Background



This preview shows how black text looks on a background with the Yxy color 23.9592, 0.3808, 0.2316.



This preview shows how white text looks on a background with the Yxy color 23.9592, 0.3808, 0.2316.

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

23.9592, 0.3808, 0.2316

Protanopia

24.1957, 0.2290, 0.2156

Deuteranopia

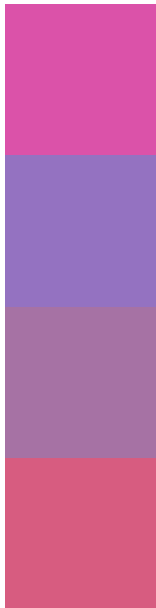
24.2266, 0.2869, 0.2817



Tritanopia

23.9014, 0.4616, 0.3211

Trichromacy



Original Color

23.9592, 0.3808, 0.2316

Protanomaly

22.1808, 0.2697, 0.2147

Deuteranomaly

22.8220, 0.3185, 0.2556

Tritanomaly

23.6599, 0.4332, 0.2867

Monochromacy



Original Color

23.9592, 0.3808, 0.2316

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

22.0025, 0.3375, 0.2801

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.9592, 0.3808, 0.2316 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(219, 82, 169)` looks like.

```
.text, #text, p{  
    color:rgb(219, 82, 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(219, 82, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 82, 169) }
```

Border

The CSS property to change the border of an element to Yxy 23.9592, 0.3808, 0.2316 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(219, 82, 169) }
```

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

```
.border{ border-color:rgb(219, 82, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 82, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 82, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 82, 169);  
box-shadow:4px 4px 4px 4px rgb(219, 82,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 23.9592, 0.3808, 0.2316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 82, 169) }
```

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

```
.background{ background-color: rgb(219, 82,  
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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