

Converting Colors

$Y_{xy}(24.9721, 0.3681, 0.2334)$

Have a look what the booklet for
Yxy(24.9721, 0.3681, 0.2334)
contains.

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Color

Yxy(24.9852, 0.3677, 0.2331)

Conversions

Conversions Part 1

Format	Color
Hex	D75BAE
RGB	215, 91, 174
RGB Percent	84%, 36%, 68%
CMY	0.1567, 0.6432, 0.3177
CMYK	0.00, 0.58, 0.19, 0.16
HSL	320°, 61%, 60%
HSV	320°, 58%, 84%
XYZ	39.4125, 24.9852, 42.7889
YIQ	137.5380, 47.2610, 52.1010

Conversions

Conversions Part 2

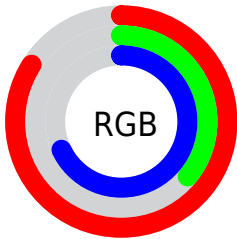
Format	Color
R _Y B	215, 91, 174
Decimal	14113710
CIE Lab	57.06, 57.93, -20.53
CIE LCh	57, 61.462, 340.490
Yxy	24.9852, 0.3677, 0.2331
Android (android.graphics.Color)	4292303790 (0xFFD75BAE)
YUV	137.5380, 17.9758, 67.9342
Hunter-Lab	49.9852, 53.2703, -15.7645

Details

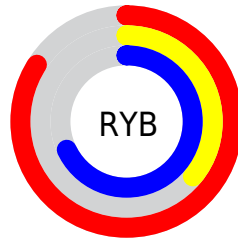
The Yxy color **24.9852, 0.3677, 0.2331** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **52.5074, 0.2838, 0.4545**, and the grayscale version is **25.1459, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.5309, 0.3394, 0.2451**, and **9.5285, 0.3849, 0.2055** is the 20% darker color. If you saturate the color by 10%, you get **21.5528, 0.3814, 0.2212**, and if you desaturate by 10%, it is **29.4877, 0.3550, 0.2479**.

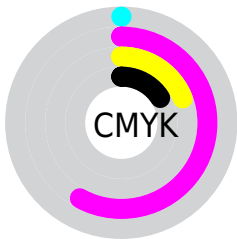
Distribution



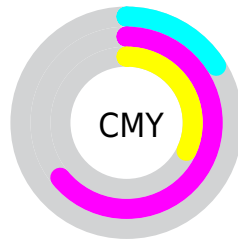
- Red (84%)
- Green (36%)
- Blue (68%)



- Red (84%)
- Yellow (36%)
- Blue (68%)



- Cyan (0%)
- Magenta (58%)
- Yellow (19%)
- Black (16%)




- Cyan (16%)
- Magenta (64%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.9852, 0.3677, 0.2331 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 24.9852, 0.3677, 0.2331 by changing the saturation by 10% instead.


 24.9852, 0.3677,
0.2331


 24.9852, 0.3677,
0.2331


277.7642, 0.3395,
0.2816


 16.0660, 0.3749,
0.2209


 51.6332, 0.3573,
0.2508


 9.5709, 0.3842,
0.2054


 70.1308, 0.3534,
0.2574

 5.1154, 0.3968,
0.1848


 92.5901, 0.3502,
0.2630

 2.3151, 0.4143,
0.1566

 119.3953, 0.3474,
0.2678

 0.7817, 0.4403,
0.1162

150.9310, 0.3450,
0.2720

 0.0000, 0.5108,
0.0000

187.5814, 0.3430,

 0.0000, 1.0000,

0.2756

0.0000

229.7310, 0.3411,
0.2788

■ 0.0000, 0.0000,
0.0000

■ 24.9852, 0.3677,
0.2331

■ 24.9852, 0.3677,
0.2331

■ 21.5528, 0.3814,
0.2212

■ 29.4877, 0.3550,
0.2479

■ 19.0938, 0.3958,
0.2134

■ 35.1385, 0.3436,
0.2644

■ 17.5006, 0.4103,
0.2103

■ 42.0129, 0.3336,
0.2819

■ 16.6212, 0.4244,
0.2122

■ 50.1785, 0.3250,
0.2994

■ 16.4629, 0.4277,
0.2130

■ 59.6980, 0.3176,
0.3164

■ 70.6302, 0.3114,
0.3327

■ 83.0301, 0.3062,
0.3479

■ 91.7362, 0.3019,
0.3541

■ 92.1461, 0.2980,
0.3466

Harmonies

Analogous

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



24.9852, 0.2632, 0.1936



24.9852, 0.3677, 0.2331



24.9852, 0.4688, 0.2913

Triad

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



24.9852, 0.3677, 0.2331



24.9852, 0.4251, 0.4985



24.9852, 0.1441, 0.2455

Complementary

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



24.9852, 0.3677, 0.2331



52.5074, 0.2838, 0.4545

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.



24.9852, 0.1725, 0.3440



24.9852, 0.3677, 0.2331



24.9852, 0.3325, 0.5253

Square

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



24.9852, 0.3677, 0.2331



24.9852, 0.4951, 0.4310



24.9852, 0.2397, 0.4640



24.9852, 0.1503, 0.1936

Rectangle

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



24.9852, 0.3677, 0.2331



24.9852, 0.5086, 0.3357



24.9852, 0.2397, 0.4640



24.9852, 0.1494, 0.2731

Sweetspot

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



24.9864, 0.3677, 0.2331



74.5028, 0.3245, 0.3003



17.1529, 0.2323, 0.1578



15.3867, 0.3262, 0.2968



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.



24.9864, 0.3677, 0.2331



30.8812, 0.3842, 0.2193



23.1390, 0.4554, 0.3029



12.5596, 0.3188, 0.3135



9.8637, 0.4256, 0.2118



0.6100, 0.4031, 0.1994

Inverse Universe

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



24.9864, 0.3677, 0.2331



30.8812, 0.3842, 0.2193



54.6598, 0.2521, 0.3610



12.5596, 0.3188, 0.3135



9.8637, 0.4256, 0.2118



0.6100, 0.4031, 0.1994

Previews

White Background



This preview shows how the Yxy color 24.9852, 0.3677, 0.2331 looks on a white background.

Color Contrast Check

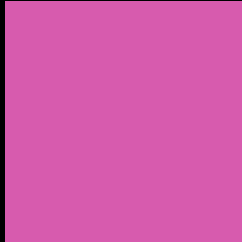
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.9852, 0.3677, 0.2331 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

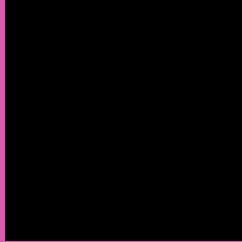
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.9852, 0.3677, 0.2331

Background



This preview shows how black text looks on a background with the Yxy color 24.9852, 0.3677, 0.2331.



This preview shows how white text looks on a background with the Yxy color 24.9852, 0.3677, 0.2331.

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

24.9852, 0.3677, 0.2331

Protanopia

25.2777, 0.2326, 0.2210

Deuteranopia

25.0745, 0.2826, 0.2762



Tritanopia

24.8507, 0.4413, 0.3195

Trichromacy



Original Color

24.9852, 0.3677, 0.2331



Protanomaly

23.5233, 0.2695, 0.2198



Deuteranomaly

23.8585, 0.3105, 0.2533



Tritanomaly

24.7125, 0.4147, 0.2863

Monochromacy



Original Color

24.9852, 0.3677, 0.2331



Achromatopsia

25.4152, 0.3127, 0.3290



Achromatomaly

24.0161, 0.3328, 0.2839

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.9852, 0.3677, 0.2331 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(215, 91, 174)` looks like.

```
.text, #text, p{  
    color:rgb(215, 91, 174)  
}
```

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(215, 91, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 91, 174) }
```

Border

The CSS property to change the border of an element to Yxy 24.9852, 0.3677, 0.2331 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(215, 91, 174) }
```

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

```
.border{ border-color:rgb(215, 91, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 91, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(215, 91, 174); -webkit-box-shadow:4px 4px 4px 4px rgb(215, 91, 174); box-shadow:4px 4px 4px 4px rgb(215, 91, 174) }
```


Background

The CSS property to change the background color of an element to Yxy 24.9852, 0.3677, 0.2331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 91, 174) }
```

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

```
.background{ background-color: rgb(215, 91,  
174) }
```

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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