

Converting Colors

$Y_{xy}(24.0258, 0.3698, 0.2358)$

Have a look what the booklet for
Yxy(24.0258, 0.3698, 0.2358)
contains.

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Color

Yxy(24.0258, 0.3698, 0.2358)

Conversions

Conversions Part 1

Format	Color
Hex	D35AA9
RGB	211, 90, 169
RGB Percent	83%, 35%, 66%
CMY	0.1726, 0.6470, 0.3373
CMYK	0.00, 0.57, 0.20, 0.17
HSL	321°, 58%, 59%
HSV	321°, 57%, 83%
XYZ	37.6791, 24.0258, 40.1856
YIQ	135.1850, 46.7570, 50.2210

Conversions

Conversions Part 2

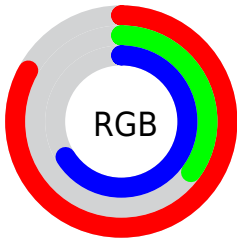
Format	Color
R _Y B	211, 90, 169
Decimal	13851305
CIE Lab	56.11, 56.47, -19.13
CIE LCh	56, 59.620, 341.288
Yxy	24.0258, 0.3698, 0.2358
Android (android.graphics.Color)	4292041385 (0xFFD35AA9)
YUV	135.1850, 16.6708, 66.4898
Hunter-Lab	49.0161, 51.4364, -14.2974

Details

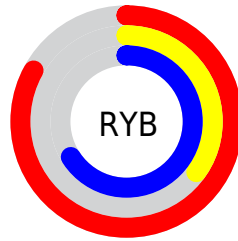
The Yxy color **24.0258, 0.3698, 0.2358** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **50.4245, 0.2828, 0.4502**, and the grayscale version is **24.2267, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.8926, 0.3450, 0.2496**, and **9.0366, 0.3865, 0.2074** is the 20% darker color. If you saturate the color by 10%, you get **20.6905, 0.3843, 0.2241**, and if you desaturate by 10%, it is **28.3888, 0.3565, 0.2503**.

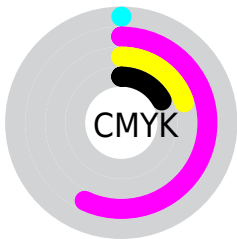
Distribution



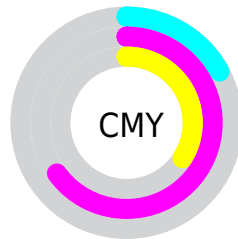
- Red (83%)
- Green (35%)
- Blue (66%)



- Red (83%)
- Yellow (35%)
- Blue (66%)



- Cyan (0%)
- Magenta (57%)
- Yellow (20%)
- Black (17%)




- Cyan (17%)
- Magenta (65%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.0258, 0.3698, 0.2358 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 24.0258, 0.3698, 0.2358 by changing the saturation by 10% instead.


 24.0258, 0.3698,
0.2358


 24.0258, 0.3698,
0.2358

272.9509, 0.3401,
0.2834


 15.3528, 0.3775,
0.2237


 50.0723, 0.3588,
0.2533

 9.0673, 0.3876,
0.2081


 68.2145, 0.3547,
0.2598

 4.7851, 0.4013,
0.1873


 90.2820, 0.3513,
0.2653

 2.1217, 0.4208,
0.1586

 116.6590, 0.3484,
0.2700

 0.6768, 0.4514,
0.1149

147.7300, 0.3459,
0.2740

 0.0000, 0.5291,
0.0000

183.8794, 0.3437,

 0.0000, 0.0000,

0.2776

0.0000

225.4916, 0.3418,
0.2807

■ 24.0258, 0.3698,
0.2358

■ 24.0258, 0.3698,
0.2358

■ 20.6905, 0.3843,
0.2241

■ 28.3888, 0.3565,
0.2503

■ 18.2913, 0.3995,
0.2164

■ 33.8540, 0.3446,
0.2666

■ 16.7259, 0.4149,
0.2134

■ 40.4929, 0.3341,
0.2836

■ 15.8541, 0.4299,
0.2155

■ 48.3699, 0.3252,
0.3007

■ 15.6752, 0.4340,
0.2164

■ 57.5449, 0.3175,
0.3173

■ 68.0737, 0.3111,
0.3331

■ 80.0089, 0.3057,
0.3479

■ 90.9462, 0.3013,
0.3579

■ 91.3607, 0.2973,
0.3500

Harmonies

Analogous

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



24.0258, 0.2665, 0.1961



24.0258, 0.3698, 0.2358



24.0258, 0.4683, 0.2938

Triad

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



24.0258, 0.3698, 0.2358



24.0258, 0.4217, 0.4977



24.0258, 0.1461, 0.2451

Complementary

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



24.0258, 0.3698, 0.2358



50.4245, 0.2828, 0.4502

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.



24.0258, 0.1734, 0.3409



24.0258, 0.3698, 0.2358



24.0258, 0.3301, 0.5213

Square

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



24.0258, 0.3698, 0.2358



24.0258, 0.4913, 0.4321



24.0258, 0.2389, 0.4586



24.0258, 0.1530, 0.1948

Rectangle

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



24.0258, 0.3698, 0.2358



24.0258, 0.5063, 0.3379



24.0258, 0.2389, 0.4586



24.0258, 0.1511, 0.2719

Sweetspot

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



24.0270, 0.3698, 0.2358



74.4606, 0.3250, 0.3010



16.7906, 0.2349, 0.1599



15.3767, 0.3267, 0.2975



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.



24.0270, 0.3698, 0.2358



30.7507, 0.3879, 0.2218



22.2922, 0.4569, 0.3054



11.9364, 0.3190, 0.3139



9.4809, 0.4318, 0.2153



0.5448, 0.4064, 0.2012

Inverse Universe

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



24.0270, 0.3698, 0.2358



30.7507, 0.3879, 0.2218



52.5123, 0.2513, 0.3577



11.9364, 0.3190, 0.3139



9.4809, 0.4318, 0.2153



0.5448, 0.4064, 0.2012

Previews

White Background



This preview shows how the Yxy color 24.0258, 0.3698, 0.2358 looks on a white background.

Color Contrast Check

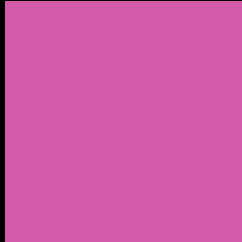
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.0258, 0.3698, 0.2358 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

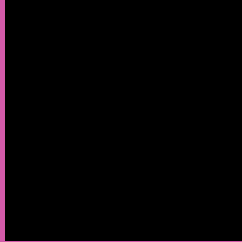
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.0258, 0.3698, 0.2358

Background



This preview shows how black text looks on a background with the Yxy color 24.0258, 0.3698, 0.2358.



This preview shows how white text looks on a background with the Yxy color 24.0258, 0.3698, 0.2358.

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

24.0258, 0.3698, 0.2358

Protanopia

24.4368, 0.2357, 0.2249

Deuteranopia

24.2621, 0.2860, 0.2802



Tritanopia

24.0275, 0.4402, 0.3205

Trichromacy



Original Color

24.0258, 0.3698, 0.2358



Protanomaly

22.6926, 0.2735, 0.2235



Deuteranomaly

23.2257, 0.3137, 0.2579



Tritanomaly

23.8550, 0.4148, 0.2880

Monochromacy



Original Color

24.0258, 0.3698, 0.2358



Achromatopsia

24.2281, 0.3127, 0.3290



Achromatomaly

23.0868, 0.3342, 0.2861

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.0258, 0.3698, 0.2358 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(211, 90, 169)` looks like.

```
.text, #text, p{  
    color:rgb(211, 90, 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(211, 90, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 90, 169) }
```

Border

The CSS property to change the border of an element to Yxy 24.0258, 0.3698, 0.2358 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(211, 90, 169) }
```

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

```
.border{ border-color:rgb(211, 90, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 90, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 90, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 90, 169);  
box-shadow:4px 4px 4px 4px rgb(211, 90,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 24.0258, 0.3698, 0.2358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 90, 169) }
```

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

```
.background{ background-color: rgb(211, 90,  
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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