

Converting Colors

$Y_{xy}(25.2145, 0.3626, 0.2246)$

Have a look what the booklet for
Yxy(25.2145, 0.3626, 0.2246)
contains.

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Color

Yxy(25.2211, 0.3625, 0.2244)

Conversions

Conversions Part 1

Format	Color
Hex	DA58B5
RGB	218, 88, 181
RGB Percent	85%, 35%, 71%
CMY	0.1451, 0.6549, 0.2902
CMYK	0.00, 0.60, 0.17, 0.15
HSL	317°, 64%, 60%
HSV	317°, 60%, 85%
XYZ	40.7426, 25.2211, 46.4298
YIQ	137.4720, 47.6270, 56.4830

Conversions

Conversions Part 2

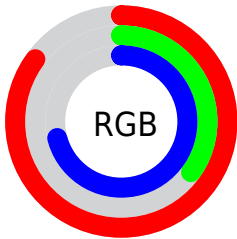
Format	Color
R _Y B	218, 88, 181
Decimal	14309557
CIE Lab	57.29, 61.09, -24.17
CIE LCh	57, 65.702, 338.412
Yxy	25.2211, 0.3625, 0.2244
Android (android.graphics.Color)	4292499637 (0xFFDA58B5)
YUV	137.4720, 21.4593, 70.6231
Hunter-Lab	50.2206, 56.9262, -19.6601

Details

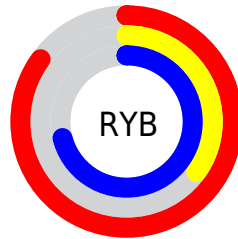
The Yxy color **25.2211, 0.3625, 0.2244** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **53.6997, 0.2863, 0.4688**, and the grayscale version is **25.1093, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.3209, 0.3332, 0.2371**, and **9.7274, 0.3765, 0.1954** is the 20% darker color. If you saturate the color by 10%, you get **21.9131, 0.3741, 0.2125**, and if you desaturate by 10%, it is **29.6127, 0.3516, 0.2395**.

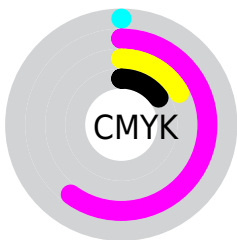
Distribution



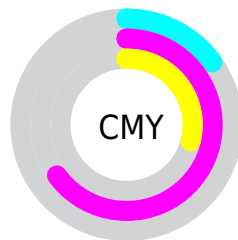
- Red (85%)
- Green (35%)
- Blue (71%)



- Red (85%)
- Yellow (35%)
- Blue (71%)



- Cyan (0%)
- Magenta (60%)
- Yellow (17%)
- Black (15%)





- Cyan (15%)
- Magenta (65%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.2211, 0.3625, 0.2244 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 25.2211, 0.3625, 0.2244 by changing the saturation by 10% instead.

 25.2211, 0.3625,
0.2244


 25.2211, 0.3625,
0.2244


278.9373, 0.3376,
0.2767


 16.2419, 0.3686,
0.2115


 52.0157, 0.3535,
0.2433

 9.6955, 0.3765,
0.1952


 70.5998, 0.3501,
0.2504

 5.1975, 0.3867,
0.1739


 93.1544, 0.3472,
0.2565

 2.3636, 0.4004,
0.1453

 120.0637, 0.3447,
0.2617

 0.8071, 0.4195,
0.1057

151.7123, 0.3426,
0.2662

 0.0000, 0.4702,
0.0000

188.4845, 0.3407,


 0.0000, 0.4935,


0.2701


0.0000

230.7647, 0.3391,
0.2736


 0.0000, 0.0000,
0.0000


 25.2211, 0.3625,
0.2244

 25.2211, 0.3625,
0.2244

 21.9131, 0.3741,
0.2125

 29.6127, 0.3516,
0.2395


 19.5862, 0.3861,
0.2047

 35.1708, 0.3416,
0.2568


 18.1246, 0.3980,
0.2017

 41.9745, 0.3327,
0.2751

 17.3288, 0.4096,
0.2032

 50.0948, 0.3249,
0.2938

 17.3034, 0.4100,
0.2033

 59.5975, 0.3182,
0.3121

70.5439, 0.3125,
0.3296

82.9915, 0.3077,
0.3462

92.1751, 0.3038,
0.3543

92.5314, 0.3004,
0.3477

Harmonies

Analogous

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



25.2211, 0.2533, 0.1850



25.2211, 0.3625, 0.2244



25.2211, 0.4727, 0.2837

Triad

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



25.2211, 0.3625, 0.2244



25.2211, 0.4351, 0.5022



25.2211, 0.1366, 0.2452

Complementary

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



25.2211, 0.3625, 0.2244



53.6997, 0.2863, 0.4688

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.



25.2211, 0.1681, 0.3530



25.2211, 0.3625, 0.2244



25.2211, 0.3385, 0.5393

Square

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



25.2211, 0.3625, 0.2244



25.2211, 0.5077, 0.4281



25.2211, 0.2404, 0.4820



25.2211, 0.1411, 0.1886

Rectangle

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



25.2211, 0.3625, 0.2244



25.2211, 0.5180, 0.3292



25.2211, 0.2404, 0.4820



25.2211, 0.1428, 0.2753

Sweetspot

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



25.2223, 0.3625, 0.2244



73.3166, 0.3239, 0.2965



16.3911, 0.2252, 0.1501



14.9040, 0.3260, 0.2910



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.



25.2223, 0.3625, 0.2244



30.1161, 0.3777, 0.2096



23.1517, 0.4566, 0.2972



13.2083, 0.3181, 0.3124



10.3858, 0.4084, 0.2024



0.6874, 0.3909, 0.1927

Inverse Universe

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



25.2223, 0.3625, 0.2244



30.1161, 0.3777, 0.2096



55.9290, 0.2530, 0.3687



13.2083, 0.3181, 0.3124



10.3858, 0.4084, 0.2024



0.6874, 0.3909, 0.1927

Previews

White Background



This preview shows how the Yxy color 25.2211, 0.3625, 0.2244 looks on a white background.

Color Contrast Check

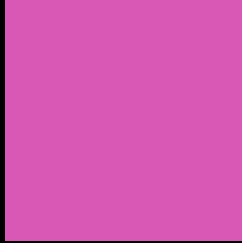
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.2211, 0.3625, 0.2244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

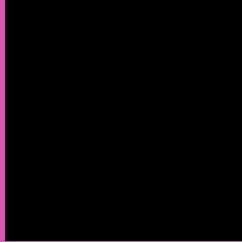
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.2211, 0.3625, 0.2244

Background



This preview shows how black text looks on a background with the Yxy color 25.2211, 0.3625, 0.2244.



This preview shows how white text looks on a background with the Yxy color 25.2211, 0.3625, 0.2244.

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

25.2211, 0.3625, 0.2244

Protanopia

25.5157, 0.2231, 0.2079

Deuteranopia

25.3316, 0.2745, 0.2687



Tritanopia

25.1219, 0.4449, 0.3208

Trichromacy



Original Color

25.2211, 0.3625, 0.2244



Protanomaly

23.5677, 0.2594, 0.2070



Deuteranomaly

23.9840, 0.3031, 0.2454



Tritanomaly

25.0260, 0.4157, 0.2834

Monochromacy



Original Color

25.2211, 0.3625, 0.2244



Achromatopsia

25.0158, 0.3127, 0.3290



Achromatomaly

23.6006, 0.3307, 0.2780

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.2211, 0.3625, 0.2244 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, 181)` looks like.

```
.text, #text, p{  
    color:rgb(218, 88, 181)  
}
```

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, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 88, 181) }
```

Border

The CSS property to change the border of an element to Yxy 25.2211, 0.3625, 0.2244 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, 181) }
```

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

```
.border{ border-color:rgb(218, 88, 181) }
```

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, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 88, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 88, 181);  
box-shadow:4px 4px 4px 4px rgb(218, 88,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 25.2211, 0.3625, 0.2244 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, 181) }
```

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

```
.background{ background-color: rgb(218, 88,  
181) }
```

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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