

Converting Colors

$Y_{xy}(24.8343, 0.3884, 0.2472)$

Have a look what the booklet for
Yxy(24.8343, 0.3884, 0.2472)
contains.

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Color

Yxy(24.7910, 0.3891, 0.2473)

Conversions

Conversions Part 1

Format	Color
Hex	DA5AA1
RGB	218, 90, 161
RGB Percent	85%, 35%, 63%
CMY	0.1450, 0.6471, 0.3686
CMYK	0.00, 0.59, 0.26, 0.15
HSL	327°, 63%, 60%
HSV	327°, 59%, 85%
XYZ	39.0060, 24.7910, 36.4497
YIQ	136.3660, 53.4970, 49.2170

Conversions

Conversions Part 2

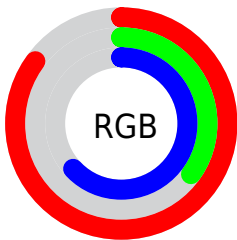
Format	Color
R _Y B	218, 90, 161
Decimal	14310049
CIE Lab	56.87, 57.46, -13.23
CIE LCh	57, 58.968, 347.035
Yxy	24.7910, 0.3891, 0.2473
Android (android.graphics.Color)	4292500129 (0xFFDA5AA1)
YUV	136.3660, 12.1446, 71.5930
Hunter-Lab	49.7906, 52.7036, -8.5505

Details

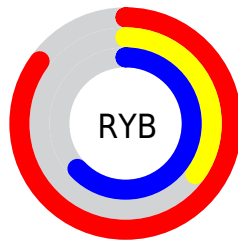
The Yxy color **24.7910, 0.3891, 0.2473** is a light color, and the websafe version is hex **CC6699**. The color can be described as light muted rose. A complement of this color would be **54.4300, 0.2758, 0.4345**, and the grayscale version is **24.7034, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.7756, 0.3525, 0.2580**, and **9.5063, 0.4160, 0.2232** is the 20% darker color. If you saturate the color by 10%, you get **21.3092, 0.4090, 0.2381**, and if you desaturate by 10%, it is **29.3801, 0.3710, 0.2595**.

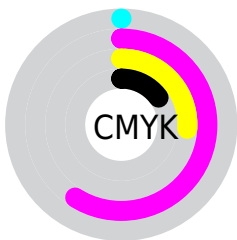
Distribution



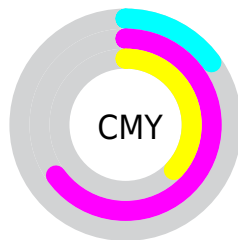
- Red (85%)
- Green (35%)
- Blue (63%)



- Red (85%)
- Yellow (35%)
- Blue (63%)



- Cyan (0%)
- Magenta (59%)
- Yellow (26%)
- Black (15%)





- Cyan (15%)
- Magenta (65%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.7910, 0.3891, 0.2473 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 24.7910, 0.3891, 0.2473 by changing the saturation by 10% instead.


 24.7910, 0.3891,
0.2473


 24.7910, 0.3891,
0.2473


276.7955, 0.3485,
0.2896

 15.9214, 0.4000,
0.2364


 51.3180, 0.3737,
0.2630

 9.4686, 0.4146,
0.2222


 69.7441, 0.3682,
0.2687

 5.0480, 0.4347,
0.2030


 92.1246, 0.3635,
0.2736

 2.2755, 0.4645,
0.1760

 118.8438, 0.3596,
0.2777

 0.7607, 0.5125,
0.1349

150.2861, 0.3562,
0.2813

 0.0000, 0.6667,
0.0000

186.8359, 0.3533,


 0.0000, 1.0000,


0.2844

0.0000


228.8775, 0.3507,
0.2871

 0.0000, 0.0000,
0.0000


 24.7910, 0.3891,
0.2473

 24.7910, 0.3891,
0.2473


 21.3092, 0.4090,
0.2381


 29.3801, 0.3710,
0.2595


 18.8329, 0.4301,
0.2330


 35.1590, 0.3551,
0.2734


 17.2481, 0.4514,
0.2330

 42.2064, 0.3413,
0.2881

 16.3775, 0.4722,
0.2382

 50.5933, 0.3297,
0.3028

 16.2863, 0.4749,
0.2390

 60.3854, 0.3199,
0.3171

■ 71.6440, 0.3118,
0.3307

■ 84.4268, 0.3050,
0.3434

■ 92.6402, 0.2994,
0.3458

■ 93.2285, 0.2941,
0.3357

Harmonies

Analogous

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



24.7910, 0.2853, 0.2040



24.7910, 0.3891, 0.2473



24.7910, 0.4787, 0.3069

Triad

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



24.7910, 0.3891, 0.2473



24.7910, 0.4042, 0.5039



24.7910, 0.1476, 0.2342

Complementary

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



24.7910, 0.3891, 0.2473



54.4300, 0.2758, 0.4345

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.



24.7910, 0.1679, 0.3197



24.7910, 0.3891, 0.2473



24.7910, 0.3124, 0.5121

Square

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



24.7910, 0.3891, 0.2473



24.7910, 0.4782, 0.4445



24.7910, 0.2256, 0.4351



24.7910, 0.1605, 0.1921

Rectangle

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



24.7910, 0.3891, 0.2473



24.7910, 0.5076, 0.3513



24.7910, 0.2256, 0.4351



24.7910, 0.1504, 0.2576

Sweetspot

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



24.7923, 0.3891, 0.2473



72.8828, 0.3291, 0.3036



18.4364, 0.2443, 0.1604



14.7977, 0.3323, 0.2993



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.



24.7923, 0.3891, 0.2473



29.6134, 0.4129, 0.2368



23.1107, 0.4819, 0.3200



13.1718, 0.3205, 0.3161



9.7778, 0.4720, 0.2374



0.6507, 0.4406, 0.2201

Inverse Universe

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



24.7923, 0.3891, 0.2473



29.6134, 0.4129, 0.2368



56.9506, 0.2443, 0.3404



13.1718, 0.3205, 0.3161



9.7778, 0.4720, 0.2374



0.6507, 0.4406, 0.2201

Previews

White Background



This preview shows how the Yxy color 24.7910, 0.3891, 0.2473 looks on a white background.

Color Contrast Check

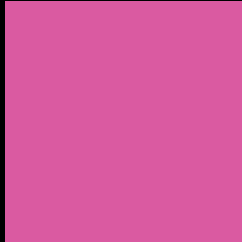
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.7910, 0.3891, 0.2473 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 24.7910, 0.3891, 0.2473

Background



This preview shows how black text looks on a background with the Yxy color 24.7910, 0.3891, 0.2473.

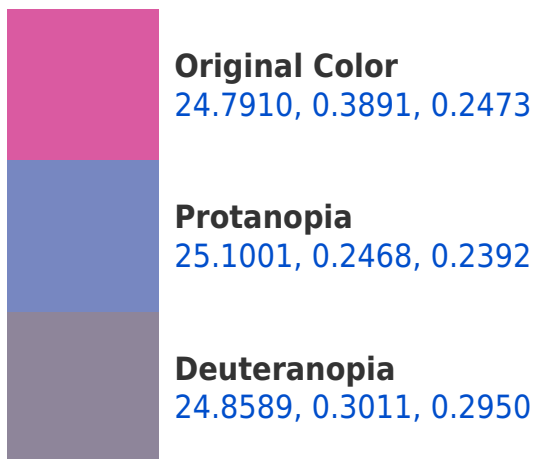


This preview shows how white text looks on a background with the Yxy color 24.7910, 0.3891, 0.2473.

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





Tritanopia

24.7530, 0.4533, 0.3210

Trichromacy



Original Color

24.7910, 0.3891, 0.2473



Protanomaly

23.4984, 0.2883, 0.2381



Deuteranomaly

23.7029, 0.3311, 0.2704



Tritanomaly

24.7410, 0.4304, 0.2934

Monochromacy



Original Color

24.7910, 0.3891, 0.2473



Achromatopsia

24.6201, 0.3127, 0.3290



Achromatomaly

23.3450, 0.3403, 0.2895

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.7910, 0.3891, 0.2473 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, 90, 161)` looks like.

```
.text, #text, p{  
    color:rgb(218, 90, 161)  
}
```

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, 90, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 90, 161) }
```

Border

The CSS property to change the border of an element to Yxy 24.7910, 0.3891, 0.2473 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, 90, 161) }
```

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

```
.border{ border-color:rgb(218, 90, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 90, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 90, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 90, 161);  
box-shadow:4px 4px 4px 4px rgb(218, 90,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 24.7910, 0.3891, 0.2473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 90, 161) }
```

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

```
.background{ background-color: rgb(218, 90,  
161) }
```

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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