

Converting Colors

$Y_{xy}(24.3434, 0.4078, 0.2621)$

Have a look what the booklet for
Yxy(24.3434, 0.4078, 0.2621)
contains.

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Color

Yxy(24.3559, 0.4077, 0.2619)

Conversions

Conversions Part 1

Format	Color
Hex	DA5A94
RGB	218, 90, 148
RGB Percent	85%, 35%, 58%
CMY	0.1451, 0.6470, 0.4195
CMYK	0.00, 0.59, 0.32, 0.15
HSL	333°, 63%, 60%
HSV	333°, 59%, 85%
XYZ	37.9149, 24.3559, 30.7262
YIQ	134.8840, 57.6700, 45.1740

Conversions

Conversions Part 2

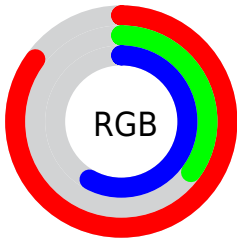
Format	Color
R _{YB}	218, 90, 148
Decimal	14310036
CIE Lab	56.44, 55.82, -6.28
CIE LCh	56, 56.168, 353.577
Yxy	24.3559, 0.4077, 0.2619
Android (android.graphics.Color)	4292500116 (0xFFDA5A94)
YUV	134.8840, 6.4662, 72.8927
Hunter-Lab	49.3517, 50.7687, -2.3676

Details

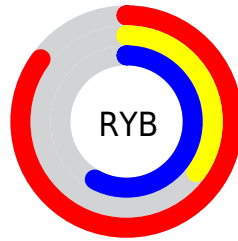
The Yxy color **24.3559, 0.4077, 0.2619** is a light color, and the websafe version is hex **CC6699**. The color can be described as light muted rose. A complement of this color would be **54.8522, 0.2690, 0.4141**, and the grayscale version is **24.1445, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.7751, 0.3665, 0.2705**, and **9.2140, 0.4418, 0.2402** is the 20% darker color. If you saturate the color by 10%, you get **20.8446, 0.4334, 0.2549**, and if you desaturate by 10%, it is **28.9866, 0.3846, 0.2717**.

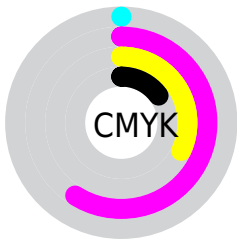
Distribution



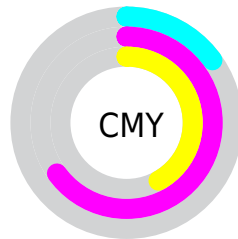
- Red (85%)
- Green (35%)
- Blue (58%)



- Red (85%)
- Yellow (35%)
- Blue (58%)



- Cyan (0%)
- Magenta (59%)
- Yellow (32%)
- Black (15%)





- Cyan (15%)
- Magenta (65%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.3559, 0.4077, 0.2619 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 24.3559, 0.4077, 0.2619 by changing the saturation by 10% instead.

 24.3559, 0.4077,
0.2619


 24.3559, 0.4077,
0.2619


274.6149, 0.3560,
0.2976


 15.5978, 0.4221,
0.2523


 50.6104, 0.3879,
0.2754

 9.2400, 0.4414,
0.2395


 68.8755, 0.3808,
0.2803

 4.8981, 0.4688,
0.2219


 91.0786, 0.3749,
0.2844

 2.1876, 0.5103,
0.1960

 117.6038, 0.3699,
0.2879

 0.7132, 0.5804,
0.1533

148.8357, 0.3657,
0.2908

 0.0000, 0.9897,
0.0000

185.1585, 0.3620,

 0.0000, 0.0000,

0.2934

0.0000

226.9568, 0.3588,
0.2956

■ 24.3559, 0.4077,
0.2619

■ 24.3559, 0.4077,
0.2619

■ 20.8446, 0.4334,
0.2549

■ 28.9866, 0.3846,
0.2717

■ 18.3506, 0.4609,
0.2520

■ 34.8197, 0.3645,
0.2832

■ 16.7590, 0.4885,
0.2543

■ 41.9345, 0.3474,
0.2954

■ 15.8924, 0.5149,
0.2618

■ 50.4024, 0.3332,
0.3075

■ 15.8018, 0.5182,
0.2628

■ 60.2896, 0.3213,
0.3193

71.6578, 0.3116,
0.3304

84.5651, 0.3035,
0.3407

92.9182, 0.2968,
0.3409

93.6447, 0.2906,
0.3289

Harmonies

Analogous

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



24.3559, 0.3073, 0.2155



24.3559, 0.4077, 0.2619



24.3559, 0.4842, 0.3223

Triad

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



24.3559, 0.4077, 0.2619



24.3559, 0.3835, 0.5048



24.3559, 0.1530, 0.2259

Complementary

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



24.3559, 0.4077, 0.2619



54.8522, 0.2690, 0.4141

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.



24.3559, 0.1657, 0.2992



24.3559, 0.4077, 0.2619



24.3559, 0.2939, 0.4942

Square

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



24.3559, 0.4077, 0.2619



24.3559, 0.4600, 0.4559



24.3559, 0.2141, 0.4067



24.3559, 0.1722, 0.1926

Rectangle

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



24.3559, 0.4077, 0.2619



24.3559, 0.5027, 0.3663



24.3559, 0.2141, 0.4067



24.3559, 0.1535, 0.2455

Sweetspot

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



24.3572, 0.4077, 0.2619



72.6177, 0.3324, 0.3082



19.6719, 0.2568, 0.1658



14.7332, 0.3363, 0.3046



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.



24.3572, 0.4077, 0.2619



28.9461, 0.4386, 0.2540



23.6975, 0.4906, 0.3342



13.1492, 0.3221, 0.3184



9.4885, 0.5147, 0.2609



0.6319, 0.4750, 0.2391

Inverse Universe

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



24.3572, 0.4077, 0.2619



28.9461, 0.4386, 0.2540



55.1920, 0.2391, 0.3230



13.1492, 0.3221, 0.3184



9.4885, 0.5147, 0.2609



0.6319, 0.4750, 0.2391

Previews

White Background



This preview shows how the Yxy color 24.3559, 0.4077, 0.2619 looks on a white background.

Color Contrast Check

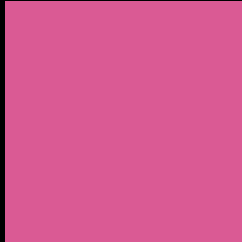
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.3559, 0.4077, 0.2619 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

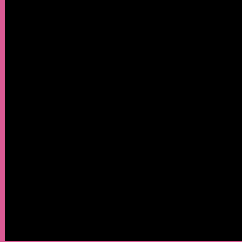
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.3559, 0.4077, 0.2619

Background



This preview shows how black text looks on a background with the Yxy color 24.3559, 0.4077, 0.2619.



This preview shows how white text looks on a background with the Yxy color 24.3559, 0.4077, 0.2619.

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

24.3559, 0.4077, 0.2619

Protanopia

24.5096, 0.2627, 0.2599

Deuteranopia

24.5665, 0.3180, 0.3127



Tritanopia

24.4114, 0.4617, 0.3212

Trichromacy



Original Color

24.3559, 0.4077, 0.2619



Protanomaly

22.9791, 0.3068, 0.2567



Deuteranomaly

23.5069, 0.3493, 0.2890



Tritanomaly

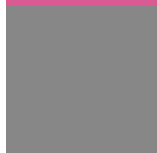
24.3451, 0.4428, 0.2998

Monochromacy



Original Color

24.3559, 0.4077, 0.2619



Achromatopsia

24.2281, 0.3127, 0.3290



Achromatomaly

23.0864, 0.3451, 0.2968

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.3559, 0.4077, 0.2619 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, 148)` looks like.

```
.text, #text, p{  
    color:rgb(218, 90, 148)  
}
```

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, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 90, 148) }
```

Border

The CSS property to change the border of an element to Yxy 24.3559, 0.4077, 0.2619 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, 148) }
```

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

```
.border{ border-color:rgb(218, 90, 148) }
```

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, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 90, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 90, 148);  
box-shadow:4px 4px 4px 4px rgb(218, 90,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 24.3559, 0.4077, 0.2619 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, 148) }
```

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

```
.background{ background-color: rgb(218, 90,  
148) }
```

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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