

Converting Colors

$Yxy(23.5293, 0.4334, 0.2797)$

Have a look what the booklet for
Yxy(23.5293, 0.4334, 0.2797)
contains.

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Color

Yxy(23.5236, 0.4339, 0.2797)

Conversions

Conversions Part 1

Format	Color
Hex	DA5883
RGB	218, 88, 131
RGB Percent	85%, 35%, 51%
CMY	0.1452, 0.6547, 0.4863
CMYK	0.00, 0.60, 0.40, 0.15
HSL	340°, 64%, 60%
HSV	340°, 60%, 85%
XYZ	36.4923, 23.5236, 24.0871
YIQ	131.7720, 63.6770, 40.9330

Conversions

Conversions Part 2

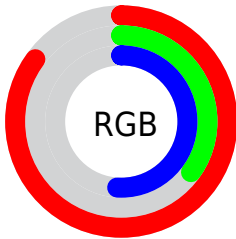
Format	Color
R _Y B	218, 88, 131
Decimal	14309507
CIE Lab	55.61, 54.75, 2.50
CIE LCh	56, 54.809, 2.617
Yxy	23.5236, 0.4339, 0.2797
Android (android.graphics.Color)	4292499587 (0xFFDA5883)
YUV	131.7720, -0.3806, 75.6220
Hunter-Lab	48.5011, 49.4265, 4.5056

Details

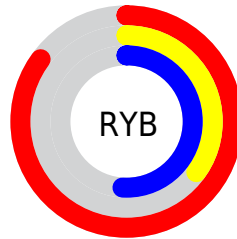
The Yxy color **23.5236, 0.4339, 0.2797** is a dark color, and the websafe version is hex **FF6699**. The color can be described as middle muted rose. A complement of this color would be **55.2983, 0.2604, 0.3910**, and the grayscale version is **22.9766, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.3656, 0.3856, 0.2865**, and **8.8106, 0.4793, 0.2601** is the 20% darker color. If you saturate the color by 10%, you get **20.0956, 0.4672, 0.2758**, and if you desaturate by 10%, it is **28.0794, 0.4040, 0.2864**.

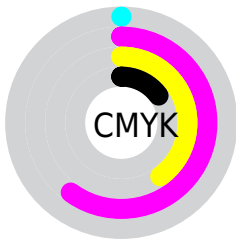
Distribution



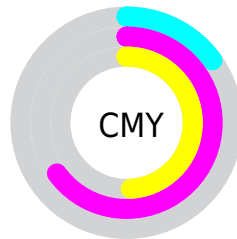
- Red (85%)
- Green (35%)
- Blue (51%)



- Red (85%)
- Yellow (35%)
- Blue (51%)



- Cyan (0%)
- Magenta (60%)
- Yellow (40%)
- Black (15%)





- Cyan (15%)
- Magenta (65%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.5236, 0.4339, 0.2797 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 23.5236, 0.4339, 0.2797 by changing the saturation by 10% instead.


 23.5236, 0.4339,
0.2797


 23.5236, 0.4339,
0.2797

270.4030, 0.3667,
0.3075


 14.9806, 0.4530,
0.2716


 49.2517, 0.4078,
0.2906

 8.8058, 0.4791,
0.2605


 67.2055, 0.3985,
0.2944

 4.6147, 0.5165,
0.2443

 89.0651, 0.3908,
0.2976

 2.0230, 0.5737,
0.2191

 115.2148, 0.3844,
0.3002

 0.6208, 0.6868,
0.1734

146.0391, 0.3790,
0.3025

 0.0000, 1.0000,
0.0000

181.9223, 0.3743,

 0.0000, 0.0000,

0.3044

0.0000

223.2488, 0.3703,
0.3060

■ 23.5236, 0.4339,
0.2797

■ 23.5236, 0.4339,
0.2797

■ 20.0956, 0.4672,
0.2758

■ 28.0794, 0.4040,
0.2864

■ 17.6907, 0.5022,
0.2758

■ 33.8478, 0.3783,
0.2946

■ 16.1911, 0.5363,
0.2807

■ 40.9098, 0.3567,
0.3035

■ 15.3950, 0.5667,
0.2898

■ 49.3382, 0.3389,
0.3125

■ 15.3690, 0.5678,
0.2902

■ 59.2006, 0.3242,
0.3212

70.5598, 0.3123,
0.3293

83.4749, 0.3026,
0.3369

93.1803, 0.2944,
0.3364

93.6404, 0.2906,
0.3289

Harmonies

Analogous

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



23.5236, 0.3370, 0.2285



23.5236, 0.4339, 0.2797



23.5236, 0.4939, 0.3421

Triad

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



23.5236, 0.4339, 0.2797



23.5236, 0.3568, 0.5076



23.5236, 0.1571, 0.2134

Complementary

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



23.5236, 0.4339, 0.2797



55.2983, 0.2604, 0.3910

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.



23.5236, 0.1599, 0.2734



23.5236, 0.4339, 0.2797



23.5236, 0.2683, 0.4724

Square

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



23.5236, 0.4339, 0.2797



23.5236, 0.4385, 0.4728



23.5236, 0.1970, 0.3724



23.5236, 0.1855, 0.1905

Rectangle

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



23.5236, 0.4339, 0.2797



23.5236, 0.4994, 0.3865



23.5236, 0.1970, 0.3724



23.5236, 0.1545, 0.2288

Sweetspot

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



23.5248, 0.4339, 0.2797



72.3067, 0.3365, 0.3138



21.1206, 0.2733, 0.1711



14.6579, 0.3413, 0.3112



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.



23.5248, 0.4339, 0.2797



27.4861, 0.4777, 0.2753



26.6916, 0.4803, 0.3541



13.1222, 0.3240, 0.3213



9.2286, 0.5639, 0.2880



0.6135, 0.5178, 0.2626

Inverse Universe

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



23.5248, 0.4339, 0.2797



27.4861, 0.4777, 0.2753



46.7580, 0.2329, 0.2985



13.1222, 0.3240, 0.3213



9.2286, 0.5639, 0.2880



0.6135, 0.5178, 0.2626

Previews

White Background



This preview shows how the Yxy color 23.5236, 0.4339, 0.2797 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 23.5236, 0.4339, 0.2797 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

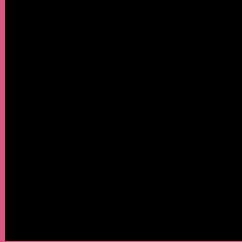
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.5236, 0.4339, 0.2797

Background



This preview shows how black text looks on a background with the Yxy color 23.5236, 0.4339, 0.2797.



This preview shows how white text looks on a background with the Yxy color 23.5236, 0.4339, 0.2797.

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

23.5236, 0.4339, 0.2797

Protanopia

23.9108, 0.2837, 0.2872

Deuteranopia

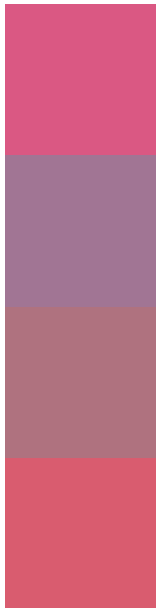
23.6652, 0.3423, 0.3357



Tritanopia

23.5244, 0.4748, 0.3226

Trichromacy



Original Color

23.5236, 0.4339, 0.2797

Protanomaly

22.4378, 0.3309, 0.2812

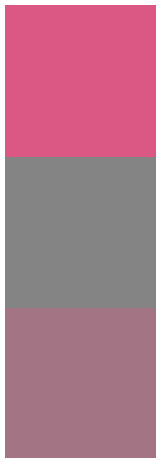
Deuteranomaly

22.6809, 0.3760, 0.3098

Tritanomaly

23.5537, 0.4611, 0.3075

Monochromacy



Original Color

23.5236, 0.4339, 0.2797

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

21.9433, 0.3535, 0.3040

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.5236, 0.4339, 0.2797 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, 131)` looks like.

```
.text, #text, p{  
    color:rgb(218, 88, 131)  
}
```

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, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 88, 131) }
```

Border

The CSS property to change the border of an element to Yxy 23.5236, 0.4339, 0.2797 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, 131) }
```

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

```
.border{ border-color:rgb(218, 88, 131) }
```

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, 131) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 88, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 88, 131);  
box-shadow:4px 4px 4px 4px rgb(218, 88,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 23.5236, 0.4339, 0.2797 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, 131) }
```

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

```
.background{ background-color: rgb(218, 88,  
131) }
```

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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