

Converting Colors

$Y_{xy}(25.5777, 0.3946, 0.2522)$

Have a look what the booklet for
Yxy(25.5777, 0.3946, 0.2522)
contains.

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Color

Yxy(25.5296, 0.3949, 0.2526)

Conversions

Conversions Part 1

Format	Color
Hex	DD5C9F
RGB	221, 92, 159
RGB Percent	87%, 36%, 62%
CMY	0.1332, 0.6393, 0.3765
CMYK	0.00, 0.58, 0.28, 0.13
HSL	329°, 66%, 61%
HSV	329°, 58%, 87%
XYZ	39.9115, 25.5296, 35.6262
YIQ	138.2090, 55.3770, 48.1850

Conversions

Conversions Part 2

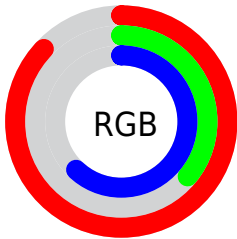
Format	Color
R _Y B	221, 92, 159
Decimal	14507167
CIE Lab	57.59, 57.23, -10.94
CIE LCh	58, 58.265, 349.177
Yxy	25.5296, 0.3949, 0.2526
Android (android.graphics.Color)	4292697247 (0xFFDD5C9F)
YUV	138.2090, 10.2500, 72.6077
Hunter-Lab	50.5268, 52.5764, -6.4363

Details

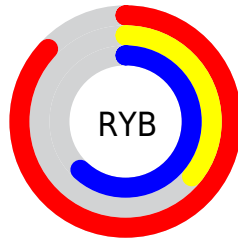
The Yxy color **25.5296, 0.3949, 0.2526** is a light color, and the websafe version is hex **CC6699**. The color can be described as light muted rose. A complement of this color would be **56.3377, 0.2736, 0.4268**, and the grayscale version is **25.4419, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.2948, 0.3541, 0.2618**, and **9.8518, 0.4208, 0.2284** is the 20% darker color. If you saturate the color by 10%, you get **21.8920, 0.4168, 0.2440**, and if you desaturate by 10%, it is **30.3182, 0.3752, 0.2640**.

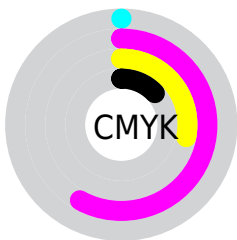
Distribution



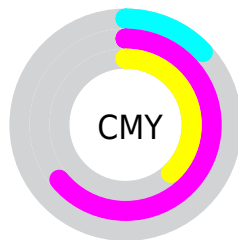
- Red (87%)
- Green (36%)
- Blue (62%)



- Red (87%)
- Yellow (36%)
- Blue (62%)



- Cyan (0%)
- Magenta (58%)
- Yellow (28%)
- Black (13%)




- Cyan (13%)
- Magenta (64%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.5296, 0.3949, 0.2526 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 25.5296, 0.3949, 0.2526 by changing the saturation by 10% instead.


 25.5296, 0.3949,
0.2526


 25.5296, 0.3949,
0.2526


280.4652, 0.3510,
0.2923


 16.4721, 0.4068,
0.2423


 52.5151, 0.3783,
0.2673


 9.8588, 0.4226,
0.2289


 71.2118, 0.3723,
0.2728

 5.3054, 0.4445,
0.2106


 93.8905, 0.3672,
0.2773

 2.4276, 0.4771,
0.1848

 120.9353, 0.3630,
0.2812

 0.8400, 0.5295,
0.1458

152.7308, 0.3594,
0.2845

 0.0000, 0.7135,
0.0000

189.6614, 0.3562,

 0.0000, 1.0000,

0.2874

0.0000

232.1114, 0.3535,
0.2900

0.0000, 0.0000,
0.0000

25.5296, 0.3949,
0.2526

25.5296, 0.3949,
0.2526

21.8920, 0.4168,
0.2440

30.3182, 0.3752,
0.2640

19.3004, 0.4400,
0.2396

36.3428, 0.3579,
0.2772

17.6372, 0.4636,
0.2403


43.6850, 0.3430,
0.2910


16.7275, 0.4864,
0.2462


52.4180, 0.3305,
0.3049

16.6104, 0.4901,
0.2474

62.6098, 0.3201,
0.3183

 74.3238, 0.3114,
0.3310

 87.6197, 0.3043,
0.3429

 93.4286, 0.2983,
0.3402

 94.0927, 0.2925,
0.3293

Harmonies

Analogous

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



25.5296, 0.2927, 0.2084



25.5296, 0.3949, 0.2526



25.5296, 0.4796, 0.3122

Triad

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



25.5296, 0.3949, 0.2526



25.5296, 0.3970, 0.5035



25.5296, 0.1502, 0.2319

Complementary

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



25.5296, 0.3949, 0.2526



56.3377, 0.2736, 0.4268

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.



25.5296, 0.1679, 0.3129



25.5296, 0.3949, 0.2526



25.5296, 0.3064, 0.5051

Square

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



25.5296, 0.3949, 0.2526



25.5296, 0.4714, 0.4480



25.5296, 0.2223, 0.4248



25.5296, 0.1651, 0.1930

Rectangle

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



25.5296, 0.3949, 0.2526



25.5296, 0.5049, 0.3563



25.5296, 0.2223, 0.4248



25.5296, 0.1523, 0.2540

Sweetspot

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



25.5309, 0.3949, 0.2526



72.7897, 0.3303, 0.3052



19.5675, 0.2488, 0.1630



14.7750, 0.3337, 0.3012



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.



25.5309, 0.3949, 0.2526



29.3704, 0.4217, 0.2427



23.8773, 0.4867, 0.3248



13.1639, 0.3211, 0.3169



9.6691, 0.4868, 0.2455



0.6438, 0.4524, 0.2266

Inverse Universe

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



25.5309, 0.3949, 0.2526



29.3704, 0.4217, 0.2427



59.0002, 0.2425, 0.3345



13.1639, 0.3211, 0.3169



9.6691, 0.4868, 0.2455



0.6438, 0.4524, 0.2266

Previews

White Background



This preview shows how the Yxy color 25.5296, 0.3949, 0.2526 looks on a white background.

Color Contrast Check

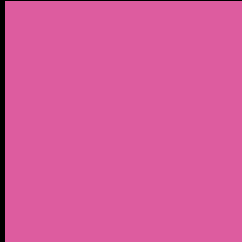
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.5296, 0.3949, 0.2526 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 25.5296, 0.3949, 0.2526

Background



This preview shows how black text looks on a background with the Yxy color 25.5296, 0.3949, 0.2526.



This preview shows how white text looks on a background with the Yxy color 25.5296, 0.3949, 0.2526.

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

25.5296, 0.3949, 0.2526

Protanopia

25.8200, 0.2526, 0.2470

Deuteranopia

25.7059, 0.3074, 0.3018



Tritanopia

25.5780, 0.4556, 0.3212

Trichromacy



Original Color

25.5296, 0.3949, 0.2526



Protanomaly

24.3003, 0.2946, 0.2445



Deuteranomaly

24.4444, 0.3367, 0.2767



Tritanomaly

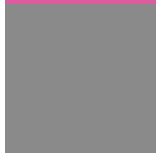
25.3876, 0.4333, 0.2951

Monochromacy



Original Color

25.5296, 0.3949, 0.2526



Achromatopsia

25.4152, 0.3127, 0.3290



Achromatomaly

24.0749, 0.3411, 0.2914

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.5296, 0.3949, 0.2526 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(221, 92, 159)` looks like.

```
.text, #text, p{  
    color:rgb(221, 92, 159)  
}
```

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(221, 92, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 92, 159) }
```

Border

The CSS property to change the border of an element to Yxy 25.5296, 0.3949, 0.2526 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(221, 92, 159) }
```

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

```
.border{ border-color:rgb(221, 92, 159) }
```

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

Here you see how a box with a 4 pixel rgb(221, 92, 159) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 92, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 92, 159);  
box-shadow:4px 4px 4px 4px rgb(221, 92,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 25.5296, 0.3949, 0.2526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 92, 159) }
```

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

```
.background{ background-color: rgb(221, 92,  
159) }
```

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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