

Converting Colors

$Y_{xy}(25.2118, 0.3942, 0.2504)$

Have a look what the booklet for
Yxy(25.2118, 0.3942, 0.2504)
contains.

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Color

Yxy(25.1877, 0.3954, 0.2507)

Conversions

Conversions Part 1

Format	Color
Hex	DD5A9F
RGB	221, 90, 159
RGB Percent	87%, 35%, 62%
CMY	0.1334, 0.6469, 0.3766
CMYK	0.00, 0.59, 0.28, 0.13
HSL	328°, 66%, 61%
HSV	328°, 59%, 87%
XYZ	39.7256, 25.1877, 35.5562
YIQ	137.0350, 55.9270, 49.2310

Conversions

Conversions Part 2

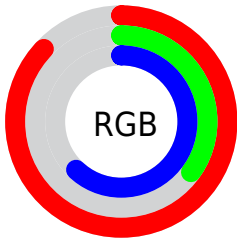
Format	Color
R _Y B	221, 90, 159
Decimal	14506655
CIE Lab	57.26, 58.07, -11.42
CIE LCh	57, 59.181, 348.875
Yxy	25.1877, 0.3954, 0.2507
Android (android.graphics.Color)	4292696735 (0xFFDD5A9F)
YUV	137.0350, 10.8287, 73.6373
Hunter-Lab	50.1873, 53.4632, -6.8739

Details

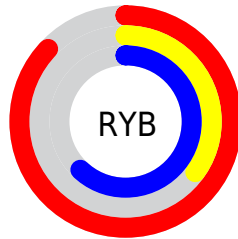
The Yxy color **25.1877, 0.3954, 0.2507** is a light color, and the websafe version is hex **CC6699**. The color can be described as light muted rose. A complement of this color would be **56.1441, 0.2737, 0.4300**, and the grayscale version is **24.9764, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.6728, 0.3544, 0.2599**, and **9.6428, 0.4218, 0.2254** is the 20% darker color. If you saturate the color by 10%, you get **21.6494, 0.4170, 0.2423**, and if you desaturate by 10%, it is **29.8671, 0.3758, 0.2621**.

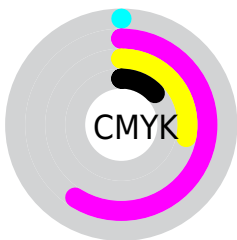
Distribution



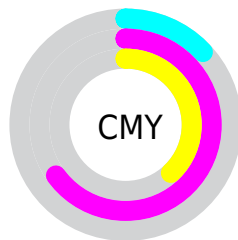
- Red (87%)
- Green (35%)
- Blue (62%)



- Red (87%)
- Yellow (35%)
- Blue (62%)



- Cyan (0%)
- Magenta (59%)
- Yellow (28%)
- Black (13%)





- Cyan (13%)
- Magenta (65%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.1877, 0.3954, 0.2507 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 25.1877, 0.3954, 0.2507 by changing the saturation by 10% instead.


 25.1877, 0.3954,
0.2507


 25.1877, 0.3954,
0.2507


278.7714, 0.3513,
0.2913


 16.2170, 0.4073,
0.2401


 51.9616, 0.3787,
0.2658


 9.6778, 0.4232,
0.2264


 70.5335, 0.3726,
0.2714

 5.1859, 0.4454,
0.2078


 93.0746, 0.3676,
0.2760

 2.3567, 0.4782,
0.1814

 119.9692, 0.3633,
0.2800

 0.8035, 0.5310,
0.1414

151.6018, 0.3596,
0.2834

 0.0000, 0.7131,
0.0000

188.3568, 0.3565,


 0.0000, 1.0000,

0.2864


0.0000

230.6185, 0.3537,
0.2890

 0.0000, 0.0000,
0.0000

 25.1877, 0.3954,
0.2507


 25.1877, 0.3954,
0.2507


 21.6494, 0.4170,
0.2423


 29.8671, 0.3758,
0.2621


 19.1462, 0.4399,
0.2381


 35.7737, 0.3586,
0.2753

 17.5587, 0.4630,
0.2391

 42.9893, 0.3438,
0.2893

 16.6913, 0.4854,
0.2452

 51.5879, 0.3313,
0.3033

 16.6373, 0.4871,
0.2457

 61.6377, 0.3208,
0.3170

■ 73.2024, 0.3121,
0.3299

■ 86.3419, 0.3049,
0.3420

■ 93.3403, 0.2989,
0.3415

■ 93.9896, 0.2933,
0.3308

Harmonies

Analogous

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



25.1877, 0.2912, 0.2062



25.1877, 0.3954, 0.2507



25.1877, 0.4823, 0.3109

Triad

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



25.1877, 0.3954, 0.2507



25.1877, 0.3988, 0.5062



25.1877, 0.1477, 0.2306

Complementary

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



25.1877, 0.3954, 0.2507



56.1441, 0.2737, 0.4300

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.



25.1877, 0.1658, 0.3133



25.1877, 0.3954, 0.2507



25.1877, 0.3068, 0.5095

Square

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



25.1877, 0.3954, 0.2507



25.1877, 0.4744, 0.4486



25.1877, 0.2212, 0.4281



25.1877, 0.1625, 0.1909

Rectangle

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



25.1877, 0.3954, 0.2507



25.1877, 0.5084, 0.3555



25.1877, 0.2212, 0.4281



25.1877, 0.1499, 0.2531

Sweetspot

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



25.1890, 0.3954, 0.2507



72.8084, 0.3300, 0.3049



19.1303, 0.2475, 0.1606



14.7796, 0.3334, 0.3008



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.



25.1890, 0.3954, 0.2507



29.0256, 0.4222, 0.2409



23.5021, 0.4907, 0.3248



13.1655, 0.3210, 0.3168



9.6903, 0.4838, 0.2439



0.6452, 0.4500, 0.2253

Inverse Universe

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



25.1890, 0.3954, 0.2507



29.0256, 0.4222, 0.2409



58.8654, 0.2419, 0.3346



13.1655, 0.3210, 0.3168



9.6903, 0.4838, 0.2439



0.6452, 0.4500, 0.2253

Previews

White Background



This preview shows how the Yxy color 25.1877, 0.3954, 0.2507 looks on a white background.

Color Contrast Check

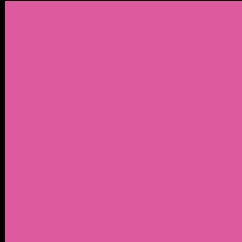
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.1877, 0.3954, 0.2507 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

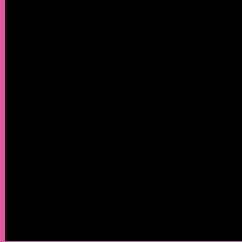
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.1877, 0.3954, 0.2507

Background



This preview shows how black text looks on a background with the Yxy color 25.1877, 0.3954, 0.2507.



This preview shows how white text looks on a background with the Yxy color 25.1877, 0.3954, 0.2507.

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

25.1877, 0.3954, 0.2507

Protanopia

25.5075, 0.2509, 0.2439

Deuteranopia

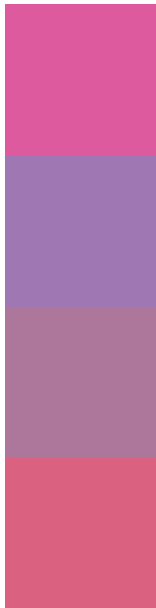
25.3369, 0.3064, 0.3001



Tritanopia

25.1418, 0.4597, 0.3213

Trichromacy



Original Color

25.1877, 0.3954, 0.2507

Protanomaly

23.7174, 0.2935, 0.2414

Deuteranomaly

24.2077, 0.3368, 0.2752

Tritanomaly

24.9871, 0.4357, 0.2941

Monochromacy



Original Color

25.1877, 0.3954, 0.2507

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

23.8021, 0.3425, 0.2914

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.1877, 0.3954, 0.2507 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, 90, 159)` looks like.

```
.text, #text, p{  
    color:rgb(221, 90, 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, 90, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 90, 159) }
```

Border

The CSS property to change the border of an element to Yxy 25.1877, 0.3954, 0.2507 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, 90, 159) }
```

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

```
.border{ border-color:rgb(221, 90, 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, 90, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 90, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 90, 159);  
box-shadow:4px 4px 4px 4px rgb(221, 90,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 25.1877, 0.3954, 0.2507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 90, 159) }
```

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

```
.background{ background-color: rgb(221, 90,  
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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