

Converting Colors

$Y_{xy}(25.0158, 0.4597, 0.2423)$

Have a look what the booklet for
Yxy(25.0158, 0.4597, 0.2423)
contains.

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Color

Yxy(25.0158, 0.4597, 0.2423)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | FF2995 |
| RGB | 255, 41, 149 |
| RGB Percent | 100%, 16%, 58% |
| CMY | 0.0000, 0.8392, 0.4156 |
| CMYK | 0.00, 0.84, 0.42, 0.00 |
| HSL | 330°, 100%, 58% |
| HSV | 330°, 84%, 100% |
| XYZ | 47.4608, 25.0158, 30.7664 |
| YIQ | 117.2980, 92.8760, 78.9560 |

Conversions

Conversions Part 2

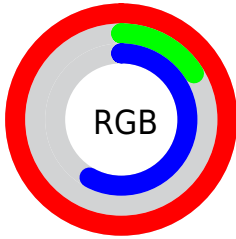
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 255, 41, 149 |
| Decimal | 16722325 |
| CIE Lab | 57.09, 81.63, -5.22 |
| CIE LCh | 57, 81.796, 356.340 |
| Yxy | 25.0158, 0.4597, 0.2423 |
| Android (android.graphics.Color) | 4294912405 (0xFFFF2995) |
| YUV | 117.2980, 15.6291, 120.7647 |
| Hunter-Lab | 50.0158, 81.8541, -1.4603 |

Details

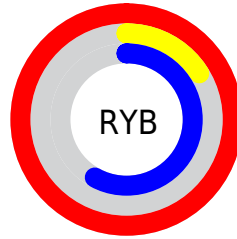
The Yxy color **25.0158, 0.4597, 0.2423** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **74.0972, 0.2693, 0.4758**, and the grayscale version is **17.8139, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.3821, 0.3714, 0.2397**, and **12.0883, 0.4921, 0.2484** is the 20% darker color. If you saturate the color by 10%, you get **23.4043, 0.4839, 0.2468**, and if you desaturate by 10%, it is **27.8101, 0.4350, 0.2433**.

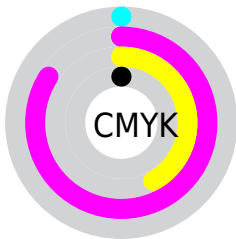
Distribution



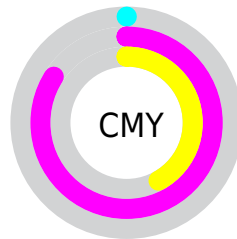
- Red (100%)
- Green (16%)
- Blue (58%)



- Red (100%)
- Yellow (16%)
- Blue (58%)



- Cyan (0%)
- Magenta (84%)
- Yellow (42%)
- Black (0%)





- Cyan (0%)
- Magenta (84%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.0158, 0.4597, 0.2423 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 25.0158, 0.4597, 0.2423 by changing the saturation by 10% instead.


 25.0158, 0.4597,
0.2423


 25.0158, 0.4597,
0.2423


277.9166, 0.3806,
0.2880


 16.0888, 0.4811,
0.2303


 51.6829, 0.4297,
0.2594

 9.5870, 0.5094,
0.2146


 70.1917, 0.4188,
0.2657

 5.1260, 0.5484,
0.1934


 92.6634, 0.4097,
0.2709

 2.3214, 0.6046,
0.1637

 119.4821, 0.4021,
0.2754

 0.7850, 0.6903,
0.1199

 151.0324, 0.3955,
0.2792

 0.0000, 0.9928,
0.0000

187.6987, 0.3899,

 0.0000, 1.0000,

0.2825

0.0000

229.8653, 0.3850,
0.2854

■ 0.0000, 0.0000,
0.0000

■ 25.0158, 0.4597,
0.2423

■ 25.0158, 0.4597,
0.2423

■ 23.4043, 0.4839,
0.2468

■ 27.8101, 0.4350,
0.2433

■ 22.8373, 0.4981,
0.2517


■ 31.9795, 0.4110,
0.2493


■ 37.6811, 0.3890,
0.2589

■ 45.0507, 0.3694,
0.2709

■ 54.2088, 0.3525,
0.2842

 65.2647, 0.3381,
0.2978

 78.3189, 0.3261,
0.3113

 93.4649, 0.3161,
0.3242

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



25.0158, 0.3138, 0.1836



25.0158, 0.4597, 0.2423



25.0158, 0.5610, 0.3151

Triad

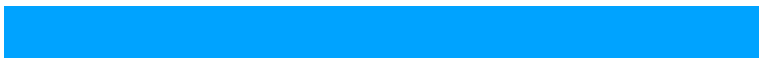
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



25.0158, 0.4597, 0.2423



25.0158, 0.3788, 0.5753



25.0158, 0.1070, 0.1794

Complementary

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



25.0158, 0.4597, 0.2423



74.0972, 0.2693, 0.4758

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.



25.0158, 0.1143, 0.2662



25.0158, 0.4597, 0.2423



25.0158, 0.2626, 0.5735

Square

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



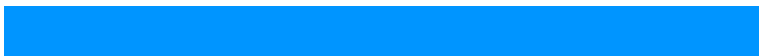
25.0158, 0.4597, 0.2423



25.0158, 0.4880, 0.4887



25.0158, 0.1648, 0.4263



25.0158, 0.1334, 0.1476

Rectangle

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



25.0158, 0.4597, 0.2423



25.0158, 0.5728, 0.3675



25.0158, 0.1648, 0.4263



25.0158, 0.1055, 0.2008

Sweetspot

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



25.0157, 0.4597, 0.2423



63.9816, 0.3395, 0.2964



14.7734, 0.2157, 0.1047



12.8316, 0.3444, 0.2916



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.



25.0157, 0.4597, 0.2423



22.8373, 0.4981, 0.2517



23.0314, 0.6056, 0.3282



18.1401, 0.3215, 0.3171



11.9632, 0.4944, 0.2497



1.1869, 0.4692, 0.2359

Inverse Universe

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



25.0157, 0.4597, 0.2423



22.8373, 0.4981, 0.2517



78.9836, 0.2284, 0.3330



18.1401, 0.3215, 0.3171



11.9632, 0.4944, 0.2497



1.1869, 0.4692, 0.2359

Previews

White Background



This preview shows how the Yxy color 25.0158, 0.4597, 0.2423 looks on a white background.

Color Contrast Check

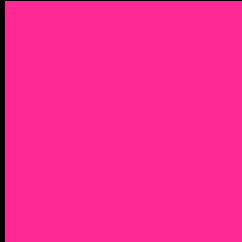
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.0158, 0.4597, 0.2423 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 25.0158, 0.4597, 0.2423

Background



This preview shows how black text looks on a background with the Yxy color 25.0158, 0.4597, 0.2423.



This preview shows how white text looks on a background with the Yxy color 25.0158, 0.4597, 0.2423.

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

25.0158, 0.4597, 0.2423

Protanopia

25.2949, 0.2339, 0.2223

Deuteranopia

25.1232, 0.3257, 0.3193



Tritanopia

24.9132, 0.5604, 0.3275

Trichromacy



Original Color

25.0158, 0.4597, 0.2423



Protanomaly

20.8095, 0.2948, 0.2121



Deuteranomaly

21.7889, 0.3752, 0.2702



Tritanomaly

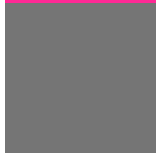
24.6224, 0.5305, 0.2975

Monochromacy



Original Color

25.0158, 0.4597, 0.2423



Achromatopsia

17.7888, 0.3127, 0.3290



Achromatomaly

16.9452, 0.3713, 0.2680

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.0158, 0.4597, 0.2423 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(255, 41, 149)` looks like.

```
.text, #text, p{  
    color:rgb(255, 41, 149)  
}
```

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(255, 41, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 41, 149) }
```

Border

The CSS property to change the border of an element to Yxy 25.0158, 0.4597, 0.2423 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(255, 41, 149) }
```

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

```
.border{ border-color:rgb(255, 41, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 41, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 41, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 41, 149);  
box-shadow:4px 4px 4px 4px rgb(255, 41,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 25.0158, 0.4597, 0.2423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 41, 149) }
```

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

```
.background{ background-color: rgb(255, 41,  
149) }
```

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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