

Converting Colors

$Y_{xy}(25.1530, 0.4449, 0.2323)$

Have a look what the booklet for
Yxy(25.1530, 0.4449, 0.2323)
contains.

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Color

Yxy(25.1494, 0.4443, 0.2319)

Conversions

Conversions Part 1

Format	Color
Hex	FF269F
RGB	255, 38, 159
RGB Percent	100%, 15%, 62%
CMY	0.0001, 0.8506, 0.3765
CMYK	0.00, 0.85, 0.38, 0.00
HSL	327°, 100%, 57%
HSV	327°, 85%, 100%
XYZ	48.1840, 25.1494, 35.1159
YIQ	116.6770, 90.4910, 83.6350

Conversions

Conversions Part 2

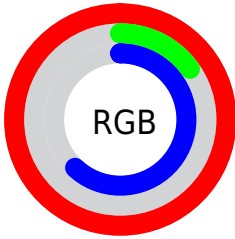
Format	Color
R _Y B	255, 38, 159
Decimal	16721567
CIE Lab	57.22, 83.07, -10.91
CIE LCh	57, 83.788, 352.517
Yxy	25.1494, 0.4443, 0.2319
Android (android.graphics.Color)	4294911647 (0xFFFF269F)
YUV	116.6770, 20.8652, 121.3093
Hunter-Lab	50.1492, 83.7443, -6.4121

Details

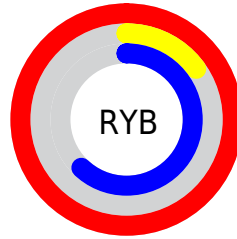
The Yxy color **25.1494, 0.4443, 0.2319** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle washed rose. A complement of this color would be **73.6405, 0.2740, 0.4938**, and the grayscale version is **17.6135, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.7034, 0.3594, 0.2290**, and **12.2892, 0.4700, 0.2363** is the 20% darker color. If you saturate the color by 10%, you get **23.6620, 0.4652, 0.2358**, and if you desaturate by 10%, it is **27.7895, 0.4229, 0.2335**.

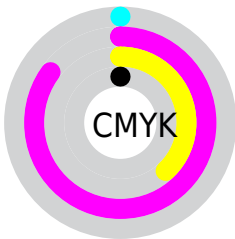
Distribution



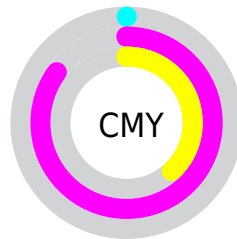
- Red (100%)
- Green (15%)
- Blue (62%)



- Red (100%)
- Yellow (15%)
- Blue (62%)



- Cyan (0%)
- Magenta (85%)
- Yellow (38%)
- Black (0%)



- Cyan (0%)
- Magenta (85%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.1494, 0.4443, 0.2319 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 25.1494, 0.4443, 0.2319 by changing the saturation by 10% instead.


 25.1494, 0.4443,
0.2319

 25.1494, 0.4443,
0.2319


278.5811, 0.3743,
0.2818


 16.1884, 0.4629,
0.2192


 51.8995, 0.4180,
0.2502


 9.6576, 0.4875,
0.2029


 70.4574, 0.4083,
0.2571

 5.1725, 0.5211,
0.1814


 92.9830, 0.4003,
0.2628

 2.3488, 0.5693,
0.1518

 119.8608, 0.3935,
0.2677

 0.7994, 0.6425,
0.1099

 151.4751, 0.3877,
0.2720

 0.0000, 0.8300,
0.0000

188.2103, 0.3826,

 0.0000, 1.0000,

0.2756

0.0000

230.4509, 0.3782,
0.2789

■ 0.0000, 0.0000,
0.0000

■ 25.1494, 0.4443,
0.2319

■ 25.1494, 0.4443,
0.2319

■ 23.6620, 0.4652,
0.2358

■ 27.7895, 0.4229,
0.2335

■ 23.2123, 0.4753,
0.2392

■ 31.7749, 0.4021,
0.2401


■ 37.2669, 0.3827,
0.2505

■ 44.4030, 0.3652,
0.2636

■ 53.3047, 0.3500,
0.2780

 64.0823, 0.3370,
0.2930

 76.8366, 0.3260,
0.3078

 91.6617, 0.3168,
0.3221

99.9951, 0.3127,
0.3290

Harmonies

Analogous

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



25.1494, 0.2959, 0.1755



25.1494, 0.4443, 0.2319



25.1494, 0.5583, 0.3042

Triad

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



25.1494, 0.4443, 0.2319



25.1494, 0.3933, 0.5707



25.1494, 0.1031, 0.1840

Complementary

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



25.1494, 0.4443, 0.2319



73.6405, 0.2740, 0.4938

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.



25.1494, 0.1149, 0.2812



25.1494, 0.4443, 0.2319



25.1494, 0.2753, 0.5889

Square

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



25.1494, 0.4443, 0.2319



25.1494, 0.5021, 0.4771



25.1494, 0.1720, 0.4524



25.1494, 0.1254, 0.1467

Rectangle

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



25.1494, 0.4443, 0.2319



25.1494, 0.5787, 0.3562



25.1494, 0.1720, 0.4524



25.1494, 0.1029, 0.2082

Sweetspot

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



25.1508, 0.4443, 0.2319



62.9986, 0.3381, 0.2916



13.5226, 0.2056, 0.0983



12.6518, 0.3425, 0.2864



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.



25.1508, 0.4443, 0.2319



23.2177, 0.4753, 0.2392



22.9006, 0.5998, 0.3228



18.1567, 0.3206, 0.3158



12.1623, 0.4721, 0.2374



1.2062, 0.4501, 0.2253

Inverse Universe

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



25.1508, 0.4443, 0.2319



23.2177, 0.4753, 0.2392



78.2393, 0.2319, 0.3465



18.1567, 0.3206, 0.3158



12.1623, 0.4721, 0.2374



1.2062, 0.4501, 0.2253

Previews

White Background



This preview shows how the Yxy color 25.1494, 0.4443, 0.2319 looks on a white background.

Color Contrast Check

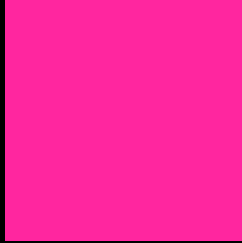
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.1494, 0.4443, 0.2319 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 25.1494, 0.4443, 0.2319

Background



This preview shows how black text looks on a background with the Yxy color 25.1494, 0.4443, 0.2319.



This preview shows how white text looks on a background with the Yxy color 25.1494, 0.4443, 0.2319.

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

25.1494, 0.4443, 0.2319

Protanopia

25.5517, 0.2204, 0.2044

Deuteranopia

25.2993, 0.3116, 0.3064



Tritanopia

25.1854, 0.5567, 0.3275

Trichromacy



Original Color

25.1494, 0.4443, 0.2319



Protanomaly

20.6651, 0.2765, 0.1953



Deuteranomaly

21.6298, 0.3604, 0.2566



Tritanomaly

24.7210, 0.5231, 0.2928

Monochromacy



Original Color

25.1494, 0.4443, 0.2319



Achromatopsia

17.7888, 0.3127, 0.3290



Achromatomaly

16.8609, 0.3669, 0.2623

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.1494, 0.4443, 0.2319 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, 38, 159)` looks like.

```
.text, #text, p{  
    color:rgb(255, 38, 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(255, 38, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 38, 159) }
```

Border

The CSS property to change the border of an element to Yxy 25.1494, 0.4443, 0.2319 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, 38, 159) }
```

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

```
.border{ border-color:rgb(255, 38, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 38, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 38, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 38, 159);  
box-shadow:4px 4px 4px 4px rgb(255, 38,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 25.1494, 0.4443, 0.2319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 38, 159) }
```

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

```
.background{ background-color: rgb(255, 38,  
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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