

Converting Colors

$Y_{xy}(25.1109, 0.4598, 0.2432)$

Have a look what the booklet for
Yxy(25.1109, 0.4598, 0.2432)
contains.

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Color

Yxy(25.1577, 0.4593, 0.2431)

Conversions

Conversions Part 1

Format	Color
Hex	FF2B95
RGB	255, 43, 149
RGB Percent	100%, 17%, 58%
CMY	0.0000, 0.8314, 0.4156
CMYK	0.00, 0.83, 0.42, 0.00
HSL	330°, 100%, 58%
HSV	330°, 83%, 100%
XYZ	47.5316, 25.1577, 30.7977
YIQ	118.4720, 92.3260, 77.9100

Conversions

Conversions Part 2

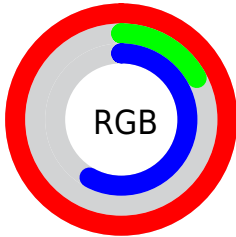
Format	Color
R _Y B	255, 43, 149
Decimal	16722837
CIE Lab	57.23, 81.23, -5.03
CIE LCh	57, 81.387, 356.457
Yxy	25.1577, 0.4593, 0.2431
Android (android.graphics.Color)	4294912917 (0xFFFF2B95)
YUV	118.4720, 15.0503, 119.7351
Hunter-Lab	50.1575, 81.3796, -1.2951

Details

The Yxy color **25.1577, 0.4593, 0.2431** 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 **74.2024, 0.2688, 0.4729**, and the grayscale version is **18.2029, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.6064, 0.3712, 0.2405**, and **12.0883, 0.4921, 0.2484** is the 20% darker color. If you saturate the color by 10%, you get **23.4622, 0.4839, 0.2473**, and if you desaturate by 10%, it is **28.0555, 0.4343, 0.2445**.

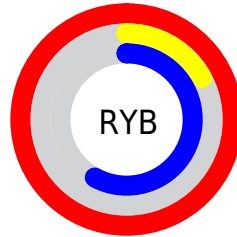
Distribution



Red (100%)

Green (17%)

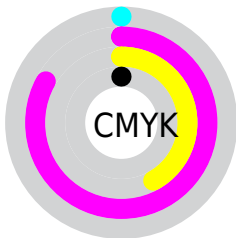
Blue (58%)



Red (100%)

Yellow (17%)

Blue (58%)

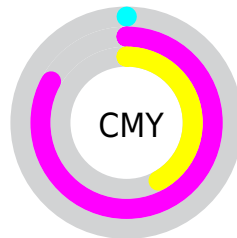


Cyan (0%)

Magenta (83%)

Yellow (42%)

Black (0%)



Cyan (0%)


Magenta (83%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.1577, 0.4593, 0.2431 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 25.1577, 0.4593, 0.2431 by changing the saturation by 10% instead.


 25.1577, 0.4593,
0.2431


 25.1577, 0.4593,
0.2431


278.6224, 0.3804,
0.2884


 16.1946, 0.4806,
0.2312


 51.9129, 0.4294,
0.2600

 9.6620, 0.5088,
0.2156


 70.4739, 0.4185,
0.2663

 5.1754, 0.5477,
0.1946


 93.0028, 0.4095,
0.2715

 2.3505, 0.6037,
0.1650

 119.8843, 0.4019,
0.2759

 0.8003, 0.6890,
0.1216

 151.5025, 0.3953,
0.2797

 0.0000, 0.9913,
0.0000

188.2421, 0.3897,


 0.0000, 1.0000,


0.2830


0.0000


230.4872, 0.3848,
0.2859


 0.0000, 0.0000,
0.0000


 25.1577, 0.4593,
0.2431


 25.1577, 0.4593,
0.2431


 23.4622, 0.4839,
0.2473


 28.0555, 0.4343,
0.2445


 22.8064, 0.5001,
0.2528

 32.3415, 0.4102,
0.2506

 38.1719, 0.3881,
0.2604

 45.6811, 0.3685,
0.2724

 54.9885, 0.3516,
0.2856

 66.2030, 0.3373,
0.2992

 79.4242, 0.3254,
0.3125

 94.7453, 0.3155,
0.3252

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.



25.1577, 0.3144, 0.1845



25.1577, 0.4593, 0.2431



25.1577, 0.5597, 0.3158

Triad

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



25.1577, 0.4593, 0.2431



25.1577, 0.3785, 0.5742



25.1577, 0.1079, 0.1800

Complementary

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



25.1577, 0.4593, 0.2431



74.2024, 0.2688, 0.4729

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.



25.1577, 0.1152, 0.2663



25.1577, 0.4593, 0.2431



25.1577, 0.2627, 0.5713

Square

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



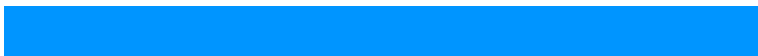
25.1577, 0.4593, 0.2431



25.1577, 0.4871, 0.4888



25.1577, 0.1654, 0.4250



25.1577, 0.1344, 0.1484

Rectangle

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



25.1577, 0.4593, 0.2431



25.1577, 0.5713, 0.3681



25.1577, 0.1654, 0.4250



25.1577, 0.1064, 0.2013

Sweetspot

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



25.1586, 0.4593, 0.2431



63.9657, 0.3398, 0.2967



15.0097, 0.2167, 0.1060



12.8278, 0.3447, 0.2919



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.



25.1586, 0.4593, 0.2431



22.8064, 0.5001, 0.2528



23.1891, 0.6029, 0.3281



18.1386, 0.3215, 0.3172



11.9470, 0.4964, 0.2508



1.1853, 0.4709, 0.2368

Inverse Universe

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



25.1586, 0.4593, 0.2431



22.8064, 0.5001, 0.2528



79.0281, 0.2286, 0.3330



18.1386, 0.3215, 0.3172



11.9470, 0.4964, 0.2508



1.1853, 0.4709, 0.2368

Previews

White Background



This preview shows how the Yxy color 25.1577, 0.4593, 0.2431 looks on a white background.

Color Contrast Check

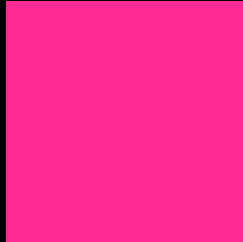
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.1577, 0.4593, 0.2431 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 25.1577, 0.4593, 0.2431

Background



This preview shows how black text looks on a background with the Yxy color 25.1577, 0.4593, 0.2431.



This preview shows how white text looks on a background with the Yxy color 25.1577, 0.4593, 0.2431.

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

25.1577, 0.4593, 0.2431

Protanopia

25.6420, 0.2349, 0.2240

Deuteranopia

25.1232, 0.3257, 0.3193



Tritanopia

25.0481, 0.5586, 0.3275

Trichromacy



Original Color

25.1577, 0.4593, 0.2431



Protanomaly

21.0049, 0.2948, 0.2133



Deuteranomaly

21.7889, 0.3752, 0.2702



Tritanomaly

24.8473, 0.5281, 0.2978

Monochromacy



Original Color

25.1577, 0.4593, 0.2431



Achromatopsia

18.1164, 0.3127, 0.3290



Achromatomaly

17.3920, 0.3720, 0.2713

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.1577, 0.4593, 0.2431 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, 43, 149)` looks like.

```
.text, #text, p{  
    color:rgb(255, 43, 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, 43, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 43, 149) }
```

Border

The CSS property to change the border of an element to Yxy 25.1577, 0.4593, 0.2431 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, 43, 149) }
```

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

```
.border{ border-color:rgb(255, 43, 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, 43, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 43, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 43, 149);  
box-shadow:4px 4px 4px 4px rgb(255, 43,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 25.1577, 0.4593, 0.2431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 43, 149) }
```

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

```
.background{ background-color: rgb(255, 43,  
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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