

Converting Colors

$Y_{xy}(25.1299, 0.4485, 0.2348)$

Have a look what the booklet for
Yxy(25.1299, 0.4485, 0.2348)
contains.

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Color

Yxy(25.1113, 0.4489, 0.2350)

Conversions

Conversions Part 1

Format	Color
Hex	FF279C
RGB	255, 39, 156
RGB Percent	100%, 15%, 61%
CMY	0.0000, 0.8470, 0.3882
CMYK	0.00, 0.85, 0.39, 0.00
HSL	327°, 100%, 58%
HSV	327°, 85%, 100%
XYZ	47.9679, 25.1113, 33.7774
YIQ	116.9220, 91.1790, 82.1790

Conversions

Conversions Part 2

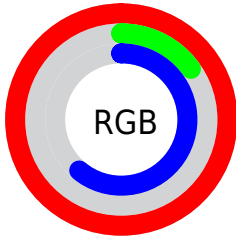
Format	Color
R_{YB}	255, 39, 156
Decimal	16721820
CIE _{Lab}	57.18, 82.64, -9.21
CIE _{LCh}	57, 83.148, 353.640
Yxy	25.1113, 0.4489, 0.2350
Android (android.graphics.Color)	4294911900 (0xFFFF279C)
YUV	116.9220, 19.2655, 121.0944
Hunter-Lab	50.1112, 83.1710, -4.8865

Details

The Yxy color **25.1113, 0.4489, 0.2350** 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 **73.7862, 0.2726, 0.4884**, and the grayscale version is **17.6832, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.5015, 0.3637, 0.2325**, and **12.2264, 0.4766, 0.2399** is the 20% darker color. If you saturate the color by 10%, you get **23.5846, 0.4708, 0.2391**, and if you desaturate by 10%, it is **27.8001, 0.4265, 0.2365**.

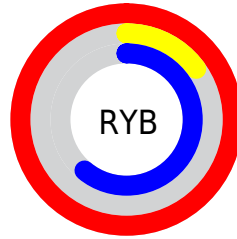
Distribution



Red (100%)

Green (15%)

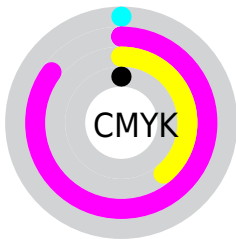
Blue (61%)



Red (100%)

Yellow (15%)

Blue (61%)

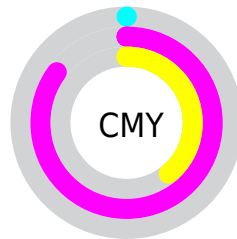


Cyan (0%)

Magenta (85%)

Yellow (39%)

Black (0%)



Cyan (0%)


Magenta (85%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.1113, 0.4489, 0.2350 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 25.1113, 0.4489, 0.2350 by changing the saturation by 10% instead.


 25.1113, 0.4489,
0.2350


 25.1113, 0.4489,
0.2350


278.3918, 0.3762,
0.2836


 16.1600, 0.4684,
0.2225


 51.8377, 0.4215,
0.2530


 9.6374, 0.4941,
0.2064


 70.3816, 0.4115,
0.2596


 5.1592, 0.5293,
0.1850


 92.8919, 0.4031,
0.2652

 2.3410, 0.5799,
0.1554

 119.7528, 0.3961,
0.2700

 0.7953, 0.6571,
0.1129

 151.3489, 0.3900,
0.2741

 0.0000, 0.8714,
0.0000

188.0645, 0.3848,

 0.0000, 1.0000,

0.2777

0.0000

230.2840, 0.3802,
0.2808

■ 0.0000, 0.0000,
0.0000

■ 25.1113, 0.4489,
0.2350

■ 25.1113, 0.4489,
0.2350

■ 23.5846, 0.4708,
0.2391

■ 27.8001, 0.4265,
0.2365


■ 23.0990, 0.4821,
0.2430

■ 31.8437, 0.4048,
0.2429


■ 37.4020, 0.3846,
0.2531

■ 44.6118, 0.3665,
0.2658

■ 53.5946, 0.3508,
0.2799

 64.4601, 0.3373,
0.2945

 77.3093, 0.3260,
0.3089

 92.2358, 0.3166,
0.3228

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.



25.1113, 0.3012, 0.1779



25.1113, 0.4489, 0.2350



25.1113, 0.5592, 0.3075

Triad

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



25.1113, 0.4489, 0.2350



25.1113, 0.3890, 0.5722



25.1113, 0.1043, 0.1826

Complementary

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



25.1113, 0.4489, 0.2350



73.7862, 0.2726, 0.4884

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.



25.1113, 0.1148, 0.2766



25.1113, 0.4489, 0.2350



25.1113, 0.2715, 0.5845

Square

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



25.1113, 0.4489, 0.2350



25.1113, 0.4979, 0.4806



25.1113, 0.1699, 0.4446



25.1113, 0.1278, 0.1470

Rectangle

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



25.1113, 0.4489, 0.2350



25.1113, 0.5770, 0.3596



25.1113, 0.1699, 0.4446



25.1113, 0.1037, 0.2059

Sweetspot

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



25.1122, 0.4489, 0.2350



64.1099, 0.3377, 0.2940



13.9227, 0.2089, 0.1004



12.8621, 0.3422, 0.2889



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.



25.1122, 0.4489, 0.2350



23.0990, 0.4821, 0.2430



22.9401, 0.6020, 0.3247



18.1517, 0.3209, 0.3162



12.1003, 0.4787, 0.2411



1.2002, 0.4557, 0.2284

Inverse Universe

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



25.1122, 0.4489, 0.2350



23.0990, 0.4821, 0.2430



78.4953, 0.2307, 0.3419



18.1517, 0.3209, 0.3162



12.1003, 0.4787, 0.2411



1.2002, 0.4557, 0.2284

Previews

White Background



This preview shows how the Yxy color 25.1113, 0.4489, 0.2350 looks on a white background.

Color Contrast Check

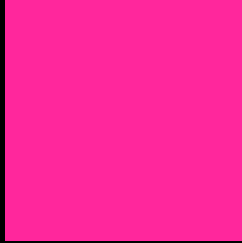
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.1113, 0.4489, 0.2350 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 25.1113, 0.4489, 0.2350

Background



This preview shows how black text looks on a background with the Yxy color 25.1113, 0.4489, 0.2350.



This preview shows how white text looks on a background with the Yxy color 25.1113, 0.4489, 0.2350.

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

25.1113, 0.4489, 0.2350

Protanopia

25.4635, 0.2237, 0.2090

Deuteranopia

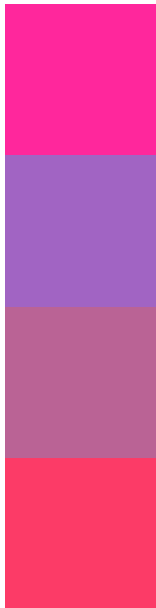
25.2976, 0.3158, 0.3112



Tritanopia

25.1854, 0.5567, 0.3275

Trichromacy



Original Color

25.1113, 0.4489, 0.2350

Protanomaly

20.6315, 0.2804, 0.1987

Deuteranomaly

21.5327, 0.3645, 0.2605

Tritanomaly

24.8026, 0.5241, 0.2944

Monochromacy



Original Color

25.1113, 0.4489, 0.2350

Achromatopsia

17.7888, 0.3127, 0.3290

Achromatomaly

16.9989, 0.3682, 0.2651

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.1113, 0.4489, 0.2350 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, 39, 156)` looks like.

```
.text, #text, p{  
    color:rgb(255, 39, 156)  
}
```

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, 39, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 39, 156) }
```

Border

The CSS property to change the border of an element to Yxy 25.1113, 0.4489, 0.2350 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, 39, 156) }
```

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

```
.border{ border-color:rgb(255, 39, 156) }
```

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

Here you see how a box with a 4 pixel rgb(255, 39, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 39, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 39, 156);  
box-shadow:4px 4px 4px 4px rgb(255, 39,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 25.1113, 0.4489, 0.2350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 39, 156) }
```

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

```
.background{ background-color: rgb(255, 39,  
156) }
```

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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