

Converting Colors

$Y_{xy}(25.2454, 0.4244, 0.2256)$

Have a look what the booklet for
Yxy(25.2454, 0.4244, 0.2256)
contains.

Yxy(25.2279, 0.4252, 0.2260)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(25.2279, 0.4252, 0.2260)

Conversions

Conversions Part 1

Format	Color
Hex	FA30A7
RGB	250, 48, 167
RGB Percent	98%, 19%, 65%
CMY	0.0195, 0.8119, 0.3450
CMYK	0.00, 0.81, 0.33, 0.02
HSL	325°, 95%, 58%
HSV	325°, 81%, 98%
XYZ	47.4642, 25.2279, 38.9358
YIQ	121.9640, 82.1930, 79.8330

Conversions

Conversions Part 2

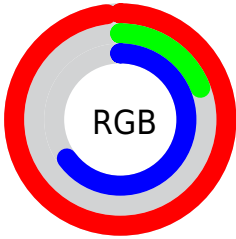
Format	Color
R _Y B	250, 48, 167
Decimal	16396455
CIE Lab	57.30, 80.75, -15.58
CIE LCh	57, 82.241, 349.077
Yxy	25.2279, 0.4252, 0.2260
Android (android.graphics.Color)	4294586535 (0xFFFA30A7)
YUV	121.9640, 22.2027, 112.2876
Hunter-Lab	50.2274, 80.7821, -10.8019

Details

The Yxy color **25.2279, 0.4252, 0.2260** is a light color, and the websafe version is hex **FF0099**. The color can be described as light washed rose. A complement of this color would be **70.6513, 0.2759, 0.4935**, and the grayscale version is **19.3492, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.2565, 0.3503, 0.2262**, and **11.9292, 0.4494, 0.2250** is the 20% darker color. If you saturate the color by 10%, you get **23.3651, 0.4445, 0.2267**, and if you desaturate by 10%, it is **28.2736, 0.4059, 0.2306**.

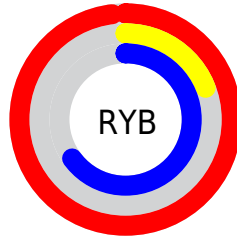
Distribution



Red (98%)

Green (19%)

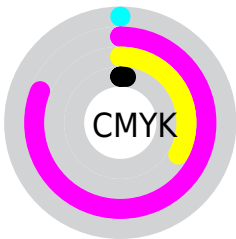
Blue (65%)



Red (98%)

Yellow (19%)

Blue (65%)

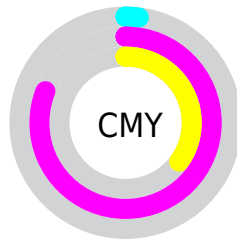


Cyan (0%)

Magenta (81%)

Yellow (33%)

Black (2%)



Cyan (2%)

Magenta (81%)

Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.2279, 0.4252, 0.2260 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 25.2279, 0.4252, 0.2260 by changing the saturation by 10% instead.


 25.2279, 0.4252,
0.2260


 25.2279, 0.4252,
0.2260


278.9710, 0.3661,
0.2781


 16.2469, 0.4407,
0.2130


 52.0267, 0.4031,
0.2449


 9.6991, 0.4611,
0.1965


 70.6133, 0.3950,
0.2521

 5.1999, 0.4888,
0.1749


 93.1706, 0.3882,
0.2581

 2.3650, 0.5283,
0.1457

 120.0830, 0.3824,
0.2632

 0.8078, 0.5881,
0.1051

 151.7348, 0.3775,
0.2677

 0.0000, 0.7238,
0.0000

188.5105, 0.3732,

 0.0000, 1.0000,

0.2716

0.0000

230.7944, 0.3694,
0.2750

■ 0.0000, 0.0000,
0.0000

■ 25.2279, 0.4252,
0.2260

■ 25.2279, 0.4252,
0.2260

■ 23.3651, 0.4445,
0.2267

■ 28.2736, 0.4059,
0.2306


■ 22.4452, 0.4616,
0.2317


■ 32.6679, 0.3875,
0.2396


■ 38.5539, 0.3704,
0.2520

■ 46.0556, 0.3553,
0.2664

■ 55.2837, 0.3421,
0.2819

 66.3390, 0.3308,
0.2977

 79.3146, 0.3213,
0.3131

 94.2973, 0.3133,
0.3278

 99.0685, 0.3096,
0.3290

Harmonies

Analogous

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



25.2279, 0.2814, 0.1728



25.2279, 0.4252, 0.2260



25.2279, 0.5456, 0.2967

Triad

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



25.2279, 0.4252, 0.2260



25.2279, 0.4067, 0.5586



25.2279, 0.1052, 0.1939

Complementary

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



25.2279, 0.4252, 0.2260



70.6513, 0.2759, 0.4935

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.



25.2279, 0.1216, 0.2986



25.2279, 0.4252, 0.2260



25.2279, 0.2901, 0.5888

Square

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



25.2279, 0.4252, 0.2260



25.2279, 0.5109, 0.4652



25.2279, 0.1844, 0.4704



25.2279, 0.1235, 0.1513

Rectangle

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



25.2279, 0.4252, 0.2260



25.2279, 0.5744, 0.3479



25.2279, 0.1844, 0.4704



25.2279, 0.1064, 0.2204

Sweetspot

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



25.2293, 0.4252, 0.2260



65.4599, 0.3342, 0.2927



13.6638, 0.2061, 0.1030



13.1285, 0.3382, 0.2870



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.



25.2293, 0.4252, 0.2260



23.7390, 0.4562, 0.2299



22.8579, 0.5760, 0.3170



17.3969, 0.3201, 0.3151



11.9323, 0.4587, 0.2301



1.1262, 0.4377, 0.2185

Inverse Universe

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



25.2293, 0.4252, 0.2260



23.7390, 0.4562, 0.2299



74.7166, 0.2355, 0.3542



17.3969, 0.3201, 0.3151



11.9323, 0.4587, 0.2301



1.1262, 0.4377, 0.2185

Previews

White Background



This preview shows how the Yxy color 25.2279, 0.4252, 0.2260 looks on a white background.

Color Contrast Check

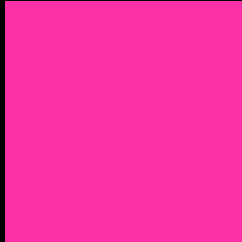
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.2279, 0.4252, 0.2260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

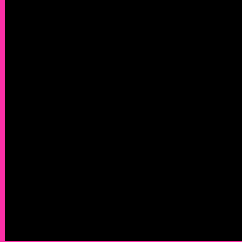
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.2279, 0.4252, 0.2260

Background



This preview shows how black text looks on a background with the Yxy color 25.2279, 0.4252, 0.2260.



This preview shows how white text looks on a background with the Yxy color 25.2279, 0.4252, 0.2260.

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

25.2279, 0.4252, 0.2260

Protanopia

25.6407, 0.2151, 0.1977

Deuteranopia

25.2353, 0.2982, 0.2920



Tritanopia

25.1349, 0.5380, 0.3263

Trichromacy



Original Color

25.2279, 0.4252, 0.2260



Protanomaly

21.0768, 0.2654, 0.1903



Deuteranomaly

22.0975, 0.3416, 0.2488



Tritanomaly

24.6591, 0.5023, 0.2889

Monochromacy



Original Color

25.2279, 0.4252, 0.2260



Achromatopsia

19.4618, 0.3127, 0.3290



Achromatomaly

18.4544, 0.3589, 0.2645

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.2279, 0.4252, 0.2260 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(250, 48, 167)` looks like.

```
.text, #text, p{  
    color:rgb(250, 48, 167)  
}
```

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(250, 48, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 48, 167) }
```

Border

The CSS property to change the border of an element to Yxy 25.2279, 0.4252, 0.2260 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(250, 48, 167) }
```

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

```
.border{ border-color:rgb(250, 48, 167) }
```

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

Here you see how a box with a 4 pixel rgb(250, 48, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 48, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 48, 167);  
box-shadow:4px 4px 4px 4px rgb(250, 48,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 25.2279, 0.4252, 0.2260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 48, 167) }
```

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

```
.background{ background-color: rgb(250, 48,  
167) }
```

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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