

Converting Colors

$Yxy(24.5443, 0.3955, 0.1952)$

Have a look what the booklet for
Yxy(24.5443, 0.3955, 0.1952)
contains.

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Color

Yxy(24.4570, 0.3951, 0.1950)

Conversions

Conversions Part 1

Format	Color
Hex	FC00BF
RGB	252, 0, 191
RGB Percent	99%, 0%, 75%
CMY	0.0117, 1.0000, 0.2509
CMYK	0.00, 1.00, 0.24, 0.01
HSL	315°, 100%, 49%
HSV	315°, 100%, 99%
XYZ	49.5536, 24.4570, 51.4099
YIQ	97.1220, 88.8810, 112.8250

Conversions

Conversions Part 2

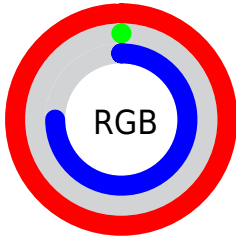
Format	Color
R_{YB}	252, 0, 191
Decimal	16515263
CIE _{Lab}	56.54, 89.74, -30.66
CIE _{LCh}	57, 94.834, 341.135
Yxy	24.4570, 0.3951, 0.1950
Android (android.graphics.Color)	4294705343 (0xFFFC00BF)
YUV	97.1220, 46.2819, 135.8280
Hunter-Lab	49.4540, 92.3151, -27.0170

Details

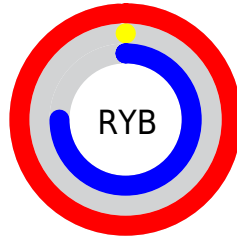
The Yxy color **24.4570, 0.3951, 0.1950** is a dark color, and the websafe version is hex **FF33CC**. The color can be described as middle saturated rose. A complement of this color would be **69.9653, 0.2931, 0.5751**, and the grayscale version is **11.8548, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.5401, 0.3257, 0.1943**, and **12.7533, 0.4070, 0.2016** is the 20% darker color. If you saturate the color by 10%, you get **24.4602, 0.3951, 0.1950**, and if you desaturate by 10%, it is **25.4383, 0.3857, 0.1939**.

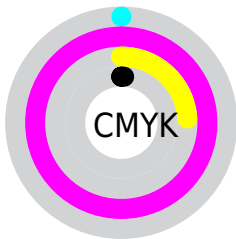
Distribution



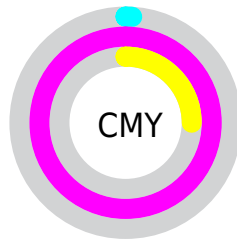
- Red (99%)
- Green (0%)
- Blue (75%)



- Red (99%)
- Yellow (0%)
- Blue (75%)



- Cyan (0%)
- Magenta (100%)
- Yellow (24%)
- Black (1%)





- Cyan (1%)
- Magenta (100%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.4570, 0.3951, 0.1950 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 24.4570, 0.3951, 0.1950 by changing the saturation by 10% instead.


 24.4570, 0.3951,
0.1950


 24.4570, 0.3951,
0.1950


275.1228, 0.3543,
0.2597


 15.6730, 0.4050,
0.1799


 50.7749, 0.3805,
0.2178

 9.2930, 0.4174,
0.1613


 69.0776, 0.3749,
0.2265

 4.9328, 0.4334,
0.1380


 91.3220, 0.3702,
0.2341

 2.2079, 0.4546,
0.1085

 117.8925, 0.3661,
0.2406

 0.7243, 0.4837,
0.0706

 149.1734, 0.3626,
0.2462

 0.0000, 0.5375,
0.0000

185.5491, 0.3595,

 0.0000, 0.5976,

0.2513

0.0000

227.4042, 0.3567,
0.2557

■ 0.0000, 0.0000,
0.0000

■ 24.4570, 0.3951,
0.1950

■ 24.4570, 0.3951,
0.1950

■ 24.4602, 0.3951,
0.1950

■ 25.4383, 0.3857,
0.1939

■ 27.3357, 0.3760,
0.1972

■ 30.4313, 0.3660,
0.2053

■ 34.8950, 0.3562,
0.2177

■ 40.8690, 0.3469,
0.2335

■ 48.4778, 0.3383,
0.2515

■ 57.8330, 0.3306,
0.2709

■ 69.0361, 0.3237,
0.2907

■ 82.1811, 0.3178,
0.3102

Harmonies

Analogous

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



24.4570, 0.2390, 0.1457



24.4570, 0.3951, 0.1950



24.4570, 0.5532, 0.2664

Triad

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



24.4570, 0.3951, 0.1950



24.4570, 0.4392, 0.5538



24.4570, 0.0856, 0.1960

Complementary

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



24.4570, 0.3951, 0.1950



69.9653, 0.2931, 0.5751

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.



24.4570, 0.1109, 0.3367



24.4570, 0.3951, 0.1950



24.4570, 0.3098, 0.6355

Square

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



24.4570, 0.3951, 0.1950



24.4570, 0.5518, 0.4385



24.4570, 0.1900, 0.5516



24.4570, 0.0967, 0.1386

Rectangle

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



24.4570, 0.3951, 0.1950



24.4570, 0.6041, 0.3180



24.4570, 0.1900, 0.5516



24.4570, 0.0892, 0.2313

Sweetspot

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



24.4602, 0.3951, 0.1950



59.3845, 0.3306, 0.2709



7.9528, 0.1615, 0.0663



11.7950, 0.3337, 0.2626



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.



24.4602, 0.3951, 0.1950



25.1229, 0.3952, 0.1950



21.1054, 0.5922, 0.3036



17.4485, 0.3175, 0.3112



12.7646, 0.3936, 0.1942



1.1988, 0.3830, 0.1884

Inverse Universe

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



24.4602, 0.3951, 0.1950



25.1229, 0.3952, 0.1950



73.1232, 0.2499, 0.4196



17.4485, 0.3175, 0.3112



12.7646, 0.3936, 0.1942



1.1988, 0.3830, 0.1884

Previews

White Background



This preview shows how the Yxy color 24.4570, 0.3951, 0.1950 looks on a white background.

Color Contrast Check

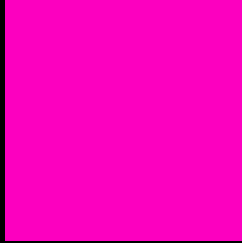
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.4570, 0.3951, 0.1950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

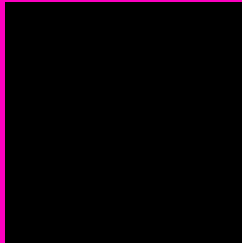
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.4570, 0.3951, 0.1950

Background



This preview shows how black text looks on a background with the Yxy color 24.4570, 0.3951, 0.1950.



This preview shows how white text looks on a background with the Yxy color 24.4570, 0.3951, 0.1950.

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

24.4570, 0.3951, 0.1950

Protanopia

25.3728, 0.1909, 0.1664

Deuteranopia

25.1718, 0.2649, 0.2594



Tritanopia

24.6514, 0.5413, 0.3263

Trichromacy



Original Color

24.4570, 0.3951, 0.1950



Protanomaly

17.6416, 0.2268, 0.1422



Deuteranomaly

18.9587, 0.3064, 0.1996



Tritanomaly

23.0628, 0.4965, 0.2697

Monochromacy



Original Color

24.4570, 0.3951, 0.1950



Achromatopsia

11.9538, 0.3127, 0.3290



Achromatomaly

11.8562, 0.3538, 0.2213

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.4570, 0.3951, 0.1950 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(252, 0, 191)` looks like.

```
.text, #text, p{  
    color:rgb(252, 0, 191)  
}
```

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(252, 0, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 0, 191) }
```

Border

The CSS property to change the border of an element to Yxy 24.4570, 0.3951, 0.1950 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(252, 0, 191) }
```

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

```
.border{ border-color:rgb(252, 0, 191) }
```

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

Here you see how a box with a 4 pixel rgb(252, 0, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 0, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 0, 191);  
box-shadow:4px 4px 4px 4px rgb(252, 0,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 24.4570, 0.3951, 0.1950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 0, 191) }
```

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

```
.background{ background-color: rgb(252, 0,  
191) }
```

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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