

Converting Colors

$Y_{xy}(22.9399, 0.5050, 0.2627)$

Have a look what the booklet for
Yxy(22.9399, 0.5050, 0.2627)
contains.

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Color

Yxy(22.9064, 0.5052, 0.2630)

Conversions

Conversions Part 1

Format	Color
Hex	FC1C79
RGB	252, 28, 121
RGB Percent	99%, 11%, 47%
CMY	0.0119, 0.8895, 0.5255
CMYK	0.00, 0.89, 0.52, 0.01
HSL	335°, 97%, 55%
HSV	335°, 89%, 99%
XYZ	44.0012, 22.9064, 20.1890
YIQ	105.5780, 103.6510, 76.4110

Conversions

Conversions Part 2

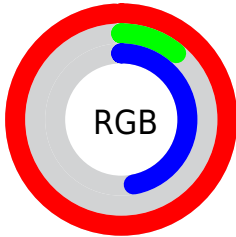
Format	Color
R_{YB}	252, 28, 121
Decimal	16522361
CIE _{Lab}	54.98, 80.86, 8.33
CIE _{LCh}	55, 81.290, 5.878
Yxy	22.9064, 0.5052, 0.2630
Android (android.graphics.Color)	4294712441 (0xFFFC1C79)
YUV	105.5780, 7.6030, 128.4121
Hunter-Lab	47.8606, 80.3498, 8.4922

Details

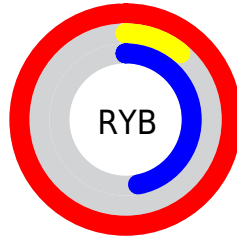
The Yxy color **22.9064, 0.5052, 0.2630** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark washed rose. A complement of this color would be **72.3554, 0.2621, 0.4564**, and the grayscale version is **14.2754, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.5852, 0.4090, 0.2622**, and **11.1724, 0.5429, 0.2764** is the 20% darker color. If you saturate the color by 10%, you get **21.7990, 0.5332, 0.2717**, and if you desaturate by 10%, it is **25.0390, 0.4751, 0.2595**.

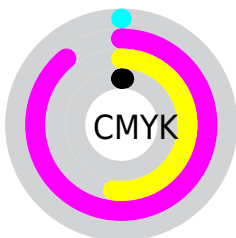
Distribution



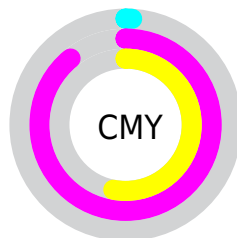
- Red (99%)
- Green (11%)
- Blue (47%)



- Red (99%)
- Yellow (11%)
- Blue (47%)



- Cyan (0%)
- Magenta (89%)
- Yellow (52%)
- Black (1%)




- Cyan (1%)
- Magenta (89%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 22.9064, 0.5052, 0.2630 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 22.9064, 0.5052, 0.2630 by changing the saturation by 10% instead.


 22.9064, 0.5052,
0.2630


 22.9064, 0.5052,
0.2630


267.2439, 0.3989,
0.3015


 14.5244, 0.5346,
0.2515


 48.2396, 0.4643,
0.2784


 8.4863, 0.5738,
0.2358


 65.9596, 0.4496,
0.2837


 4.4077, 0.6276,
0.2131

 87.5610, 0.4375,
0.2881

 1.9041, 0.7039,
0.1789

 113.4283, 0.4273,
0.2917

 0.5509, 0.8705,
0.1255

 143.9459, 0.4186,
0.2947

 0.0000, 1.0000,
0.0000

179.4980, 0.4111,

 0.0000, 0.0000,

0.2973

0.0000

220.4692, 0.4046,
0.2996

■ 22.9064, 0.5052,
0.2630

■ 22.9064, 0.5052,
0.2630

■ 21.7990, 0.5332,
0.2717

■ 25.0390, 0.4751,
0.2595

■ 21.6983, 0.5364,
0.2728

■ 28.4362, 0.4449,
0.2612

■ 33.2670, 0.4165,
0.2671

■ 39.6732, 0.3910,
0.2760

■ 47.7794, 0.3690,
0.2865

■ 57.6975, 0.3504,
0.2978

■ 69.5298, 0.3349,
0.3090

■ 83.3709, 0.3221,
0.3199

■ 99.3091, 0.3116,
0.3302

Harmonies

Analogous

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



22.9064, 0.3602, 0.1976



22.9064, 0.5052, 0.2630



22.9064, 0.5775, 0.3385

Triad

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



22.9064, 0.5052, 0.2630



22.9064, 0.3406, 0.5955



22.9064, 0.1088, 0.1617

Complementary

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



22.9064, 0.5052, 0.2630



72.3554, 0.2621, 0.4564

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.



22.9064, 0.1049, 0.2284



22.9064, 0.5052, 0.2630



22.9064, 0.2252, 0.5452

Square

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



22.9064, 0.5052, 0.2630



22.9064, 0.4563, 0.5215



22.9064, 0.1399, 0.3697



22.9064, 0.1468, 0.1425

Rectangle

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



22.9064, 0.5052, 0.2630



22.9064, 0.5674, 0.3935



22.9064, 0.1399, 0.3697



22.9064, 0.1038, 0.1773

Sweetspot

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



22.9078, 0.5052, 0.2630



61.3322, 0.3473, 0.2998



15.2070, 0.2290, 0.1081



12.3102, 0.3531, 0.2959



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.



22.9078, 0.5052, 0.2630



22.2957, 0.5365, 0.2729



22.7923, 0.6129, 0.3378



17.3446, 0.3229, 0.3192



11.3343, 0.5321, 0.2705



1.0703, 0.5011, 0.2534

Inverse Universe

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



22.9078, 0.5052, 0.2630



22.2957, 0.5365, 0.2729



65.7313, 0.2196, 0.3053



17.3446, 0.3229, 0.3192



11.3343, 0.5321, 0.2705



1.0703, 0.5011, 0.2534

Previews

White Background



This preview shows how the Yxy color 22.9064, 0.5052, 0.2630 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 22.9064, 0.5052, 0.2630 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 22.9064, 0.5052, 0.2630

Background



This preview shows how black text looks on a background with the Yxy color 22.9064, 0.5052, 0.2630.



This preview shows how white text looks on a background with the Yxy color 22.9064, 0.5052, 0.2630.

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

22.9064, 0.5052, 0.2630

Protanopia

23.2761, 0.2634, 0.2615

Deuteranopia

23.0018, 0.3620, 0.3558



Tritanopia

22.9523, 0.5882, 0.3292

Trichromacy



Original Color

22.9064, 0.5052, 0.2630



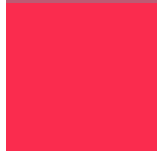
Protanomaly

18.7403, 0.3381, 0.2426



Deuteranomaly

19.4113, 0.4210, 0.2964



Tritanomaly

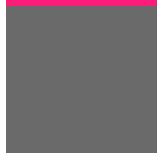
22.6754, 0.5653, 0.3074

Monochromacy



Original Color

22.9064, 0.5052, 0.2630



Achromatopsia

14.4128, 0.3127, 0.3290



Achromatomaly

13.9674, 0.3935, 0.2763

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.9064, 0.5052, 0.2630 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, 28, 121)` looks like.

```
.text, #text, p{  
    color:rgb(252, 28, 121)  
}
```

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, 28, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 28, 121) }
```

Border

The CSS property to change the border of an element to Yxy 22.9064, 0.5052, 0.2630 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, 28, 121) }
```

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

```
.border{ border-color:rgb(252, 28, 121) }
```

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

Here you see how a box with a 4 pixel rgb(252, 28, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 28, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 28, 121);  
box-shadow:4px 4px 4px 4px rgb(252, 28,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 22.9064, 0.5052, 0.2630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 28, 121) }
```

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

```
.background{ background-color: rgb(252, 28,  
121) }
```

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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