

Converting Colors

Yxy(24.8631, 0.3855, 0.1898)

Have a look what the booklet for
Yxy(24.8631, 0.3855, 0.1898)
contains.

Yxy(24.7944, 0.3852, 0.1897)	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(24.7944, 0.3852, 0.1897)

Conversions

Conversions Part 1

Format	Color
Hex	FC01C6
RGB	252, 1, 198
RGB Percent	99%, 0%, 78%
CMY	0.0118, 0.9956, 0.2235
CMYK	0.00, 1.00, 0.21, 0.01
HSL	313°, 99%, 50%
HSV	313°, 100%, 99%
XYZ	50.3469, 24.7944, 55.5619
YIQ	98.5070, 86.3590, 114.4790

Conversions

Conversions Part 2

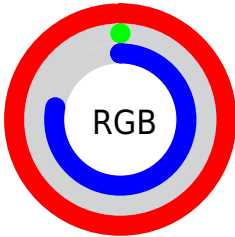
Format	Color
R _Y B	252, 1, 198
Decimal	16515526
CIE Lab	56.87, 90.44, -34.18
CIE LCh	57, 96.686, 339.300
Yxy	24.7944, 0.3852, 0.1897
Android (android.graphics.Color)	4294705606 (0xFFFC01C6)
YUV	98.5070, 49.0500, 134.6134
Hunter-Lab	49.7940, 93.3426, -31.3022

Details

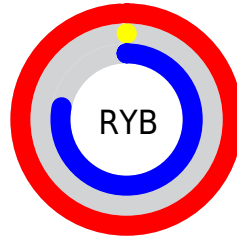
The Yxy color **24.7944, 0.3852, 0.1897** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light saturated magenta. A complement of this color would be **69.8995, 0.2943, 0.5793**, and the grayscale version is **12.2244, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.9827, 0.3193, 0.1894**, and **12.9608, 0.3936, 0.1942** is the 20% darker color. If you saturate the color by 10%, you get **24.7602, 0.3856, 0.1898**, and if you desaturate by 10%, it is **25.7792, 0.3771, 0.1893**.

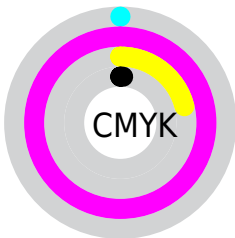
Distribution



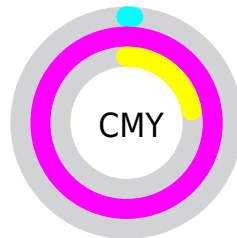
- Red (99%)
- Green (0%)
- Blue (78%)



- Red (99%)
- Yellow (0%)
- Blue (78%)



- Cyan (0%)
- Magenta (100%)
- Yellow (21%)
- Black (1%)




- Cyan (1%)
- Magenta (100%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.7944, 0.3852, 0.1897 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 24.7944, 0.3852, 0.1897 by changing the saturation by 10% instead.


 24.7944, 0.3852,
0.1897


 24.7944, 0.3852,
0.1897


276.8125, 0.3502,
0.2562


 15.9239, 0.3934,
0.1744


 51.3235, 0.3729,
0.2129


 9.4703, 0.4035,
0.1558


 69.7509, 0.3681,
0.2219

 5.0492, 0.4162,
0.1325


 92.1328, 0.3641,
0.2297

 2.2762, 0.4325,
0.1035

 118.8535, 0.3605,
0.2364

 0.7611, 0.4535,
0.0672

 150.2974, 0.3575,
0.2422

 0.0000, 0.4922,
0.0000

186.8489, 0.3548,

 0.0000, 0.5060,

0.2474

0.0000

228.8925, 0.3524,
0.2520

■ 0.0000, 0.0000,
0.0000

■ 24.7944, 0.3852,
0.1897

■ 24.7944, 0.3852,
0.1897

■ 24.7602, 0.3856,
0.1898

■ 25.7792, 0.3771,
0.1893

■ 27.7033, 0.3687,
0.1933

■ 30.8315, 0.3600,
0.2020

■ 35.3319, 0.3514,
0.2150

■ 41.3459, 0.3432,
0.2313

■ 48.9971, 0.3356,
0.2499

■ 58.3966, 0.3286,
0.2699

■ 69.6455, 0.3225,
0.2903

■ 82.8373, 0.3171,
0.3105

Harmonies

Analogous

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



24.7944, 0.2302, 0.1420



24.7944, 0.3852, 0.1897



24.7944, 0.5489, 0.2606

Triad

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



24.7944, 0.3852, 0.1897



24.7944, 0.4474, 0.5485



24.7944, 0.0840, 0.1999

Complementary

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



24.7944, 0.3852, 0.1897



69.8995, 0.2943, 0.5793

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.



24.7944, 0.1118, 0.3486



24.7944, 0.3852, 0.1897



24.7944, 0.3163, 0.6378

Square

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



24.7944, 0.3852, 0.1897



24.7944, 0.5592, 0.4316



24.7944, 0.1946, 0.5671



24.7944, 0.0933, 0.1387

Rectangle

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



24.7944, 0.3852, 0.1897



24.7944, 0.6055, 0.3122



24.7944, 0.1946, 0.5671



24.7944, 0.0883, 0.2374

Sweetspot

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



24.7957, 0.3852, 0.1897



59.5048, 0.3289, 0.2690



7.7636, 0.1589, 0.0651



11.8240, 0.3318, 0.2605



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.



24.7957, 0.3852, 0.1897



25.4360, 0.3856, 0.1898



21.2453, 0.5797, 0.2970



17.4568, 0.3171, 0.3106



12.9216, 0.3843, 0.1890



1.2121, 0.3752, 0.1840

Inverse Universe

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



24.7957, 0.3852, 0.1897



25.4360, 0.3856, 0.1898



72.7862, 0.2532, 0.4313



17.4568, 0.3171, 0.3106



12.9216, 0.3843, 0.1890



1.2121, 0.3752, 0.1840

Previews

White Background



This preview shows how the Yxy color 24.7944, 0.3852, 0.1897 looks on a white background.

Color Contrast Check

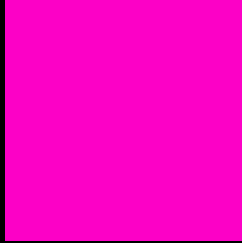
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.7944, 0.3852, 0.1897 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 24.7944, 0.3852, 0.1897

Background



This preview shows how black text looks on a background with the Yxy color 24.7944, 0.3852, 0.1897.



This preview shows how white text looks on a background with the Yxy color 24.7944, 0.3852, 0.1897.

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

24.7944, 0.3852, 0.1897

Protanopia

25.7260, 0.1920, 0.1680

Deuteranopia

25.3962, 0.2569, 0.2522



Tritanopia

25.1127, 0.5353, 0.3262

Trichromacy



Original Color

24.7944, 0.3852, 0.1897



Protanomaly

18.0851, 0.2275, 0.1427



Deuteranomaly

19.1920, 0.2963, 0.1928



Tritanomaly

23.3293, 0.4894, 0.2668

Monochromacy



Original Color

24.7944, 0.3852, 0.1897



Achromatopsia

12.4772, 0.3127, 0.3290



Achromatomaly

12.2728, 0.3500, 0.2184

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.7944, 0.3852, 0.1897 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, 1, 198)` looks like.

```
.text, #text, p{  
    color:rgb(252, 1, 198)  
}
```

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, 1, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 1, 198) }
```

Border

The CSS property to change the border of an element to Yxy 24.7944, 0.3852, 0.1897 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, 1, 198) }
```

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

```
.border{ border-color:rgb(252, 1, 198) }
```

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

Here you see how a box with a 4 pixel rgb(252, 1, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 1, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 1, 198);  
box-shadow:4px 4px 4px 4px rgb(252, 1,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 24.7944, 0.3852, 0.1897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 1, 198) }
```

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

```
.background{ background-color: rgb(252, 1,  
198) }
```

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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