

Converting Colors

$Yxy(24.9932, 0.3993, 0.1974)$

Have a look what the booklet for
Yxy(24.9932, 0.3993, 0.1974)
contains.

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Color

Yxy(24.9994, 0.3998, 0.1977)

Conversions

Conversions Part 1

Format	Color
Hex	FF01BE
RGB	255, 1, 190
RGB Percent	100%, 0%, 75%
CMY	0.0000, 0.9970, 0.2548
CMYK	0.00, 1.00, 0.25, 0.00
HSL	315°, 100%, 50%
HSV	315°, 100%, 100%
XYZ	50.5552, 24.9994, 50.8966
YIQ	98.4920, 90.7150, 112.6270

Conversions

Conversions Part 2

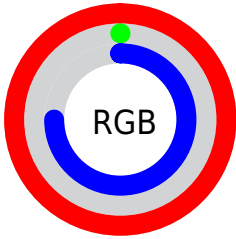
Format	Color
RYB	255, 1, 190
Decimal	16712126
CIELab	57.07, 90.14, -29.23
CIELCh	57, 94.758, 342.035
Yxy	24.9994, 0.3998, 0.1977
Android (android.graphics.Color)	4294902206 (0xFFFF01BE)
YUV	98.4920, 45.1134, 137.2575
Hunter-Lab	49.9994, 92.9852, -25.3543

Details

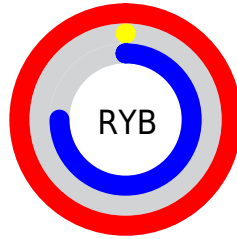
The Yxy color **24.9994, 0.3998, 0.1977** is a dark color, and the websafe version is hex **FF33CC**. The color can be described as middle saturated rose. A complement of this color would be **71.9151, 0.2923, 0.5720**, and the grayscale version is **12.1758, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.4781, 0.3267, 0.1950**, and **13.1150, 0.4132, 0.2050** is the 20% darker color. If you saturate the color by 10%, you get **24.9708, 0.4001, 0.1978**, and if you desaturate by 10%, it is **26.0212, 0.3897, 0.1964**.

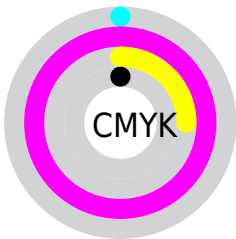
Distribution



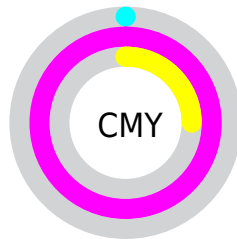
- Red (100%)
- Green (0%)
- Blue (75%)



- Red (100%)
- Yellow (0%)
- Blue (75%)



- Cyan (0%)
- Magenta (100%)
- Yellow (25%)
- Black (0%)



- Cyan (0%)
- Magenta (100%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.9994, 0.3998, 0.1977 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 24.9994, 0.3998, 0.1977 by changing the saturation by 10% instead.


 24.9994, 0.3998,
0.1977


 24.9994, 0.3998,
0.1977


277.8350, 0.3564,
0.2611


 16.0766, 0.4104,
0.1829


 51.6563, 0.3842,
0.2200


 9.5784, 0.4238,
0.1646


 70.1591, 0.3783,
0.2287


 5.1203, 0.4412,
0.1416


 92.6241, 0.3732,
0.2360

 2.3180, 0.4644,
0.1123

 119.4356, 0.3689,
0.2424

 0.7832, 0.4965,
0.0750

 150.9781, 0.3652,
0.2480

 0.0000, 0.5587,
0.0000

187.6358, 0.3619,

 0.0000, 0.6339,

0.2529

0.0000

229.7933, 0.3590,
0.2572

■ 0.0000, 0.0000,
0.0000

■ 24.9994, 0.3998,
0.1977

■ 24.9994, 0.3998,
0.1977

■ 24.9708, 0.4001,
0.1978

■ 26.0212, 0.3897,
0.1964

■ 28.0099, 0.3792,
0.1995

■ 31.2371, 0.3686,
0.2075

■ 35.8765, 0.3582,
0.2198

■ 42.0741, 0.3484,
0.2354

■ 49.9576, 0.3393,
0.2533

■ 59.6415, 0.3312,
0.2724

■ 71.2300, 0.3240,
0.2919

■ 84.8198, 0.3178,
0.3111

Harmonies

Analogous

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



24.9994, 0.2434, 0.1477



24.9994, 0.3998, 0.1977



24.9994, 0.5549, 0.2693

Triad

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



24.9994, 0.3998, 0.1977



24.9994, 0.4351, 0.5560



24.9994, 0.0865, 0.1943

Complementary

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



24.9994, 0.3998, 0.1977



71.9151, 0.2923, 0.5720

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.



24.9994, 0.1107, 0.3312



24.9994, 0.3998, 0.1977



24.9994, 0.3068, 0.6339

Square

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



24.9994, 0.3998, 0.1977



24.9994, 0.5480, 0.4418



24.9994, 0.1880, 0.5438



24.9994, 0.0985, 0.1388

Rectangle

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



24.9994, 0.3998, 0.1977



24.9994, 0.6031, 0.3210



24.9994, 0.1880, 0.5438



24.9994, 0.0898, 0.2286

Sweetspot

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



24.9959, 0.3998, 0.1977



59.3245, 0.3314, 0.2719



8.3374, 0.1633, 0.0674



11.7806, 0.3347, 0.2637



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.



24.9959, 0.3998, 0.1977



24.9708, 0.4001, 0.1978



21.6504, 0.5968, 0.3063



18.2164, 0.3177, 0.3115



13.0733, 0.3985, 0.1969



1.2906, 0.3876, 0.1909

Inverse Universe

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



24.9959, 0.3998, 0.1977



24.9708, 0.4001, 0.1978



75.3060, 0.2482, 0.4133



18.2164, 0.3177, 0.3115



13.0733, 0.3985, 0.1969



1.2906, 0.3876, 0.1909

Previews

White Background



This preview shows how the Yxy color 24.9994, 0.3998, 0.1977 looks on a white background.

Color Contrast Check

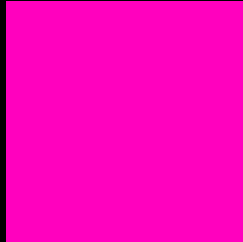
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.9994, 0.3998, 0.1977 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

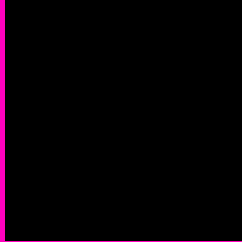
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.9994, 0.3998, 0.1977

Background



This preview shows how black text looks on a background with the Yxy color 24.9994, 0.3998, 0.1977.



This preview shows how white text looks on a background with the Yxy color 24.9994, 0.3998, 0.1977.

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

24.9994, 0.3998, 0.1977

Protanopia

25.8067, 0.1927, 0.1682

Deuteranopia

25.5685, 0.2677, 0.2628



Tritanopia

25.3708, 0.5441, 0.3264

Trichromacy



Original Color

24.9994, 0.3998, 0.1977



Protanomaly

18.0878, 0.2310, 0.1454



Deuteranomaly

19.3077, 0.3100, 0.2027



Tritanomaly

23.7698, 0.5018, 0.2722

Monochromacy



Original Color

24.9994, 0.3998, 0.1977



Achromatopsia

12.2139, 0.3127, 0.3290



Achromatomaly

12.1623, 0.3568, 0.2238

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.9994, 0.3998, 0.1977 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, 1, 190)` looks like.

```
.text, #text, p{  
    color:rgb(255, 1, 190)  
}
```

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, 1, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 1, 190) }
```

Border

The CSS property to change the border of an element to Yxy 24.9994, 0.3998, 0.1977 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, 1, 190) }
```

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

```
.border{ border-color:rgb(255, 1, 190) }
```

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

Here you see how a box with a 4 pixel rgb(255, 1, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 1, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 1, 190);  
box-shadow:4px 4px 4px 4px rgb(255, 1,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 24.9994, 0.3998, 0.1977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 1, 190) }
```

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

```
.background{ background-color: rgb(255, 1,  
190) }
```

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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