

Converting Colors

Yxy(24.9265, 0.4070, 0.2026)

Have a look what the booklet for
Yxy(24.9265, 0.4070, 0.2026)
contains.

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Color

Yxy(24.9364, 0.4069, 0.2026)

Conversions

Conversions Part 1

Format	Color
Hex	FF08B9
RGB	255, 8, 185
RGB Percent	100%, 3%, 73%
CMY	0.0000, 0.9682, 0.2746
CMYK	0.00, 0.97, 0.27, 0.00
HSL	317°, 100%, 52%
HSV	317°, 97%, 100%
XYZ	50.0820, 24.9364, 48.0635
YIQ	102.0310, 90.3950, 107.4110

Conversions

Conversions Part 2

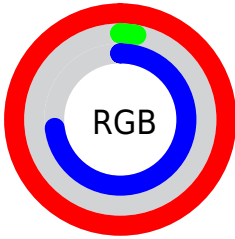
Format	Color
RYB	255, 8, 185
Decimal	16713913
CIELab	57.01, 89.14, -26.40
CIElCh	57, 92.961, 343.504
Yxy	24.9364, 0.4069, 0.2026
Android (android.graphics.Color)	4294903993 (0xFFFF08B9)
YUV	102.0310, 40.9037, 134.1538
Hunter-Lab	49.9364, 91.6321, -22.1109

Details

The Yxy color **24.9364, 0.4069, 0.2026** 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 **72.1234, 0.2897, 0.5610**, and the grayscale version is **13.1845, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.3114, 0.3324, 0.2001**, and **13.0034, 0.4211, 0.2093** is the 20% darker color. If you saturate the color by 10%, you get **24.6657, 0.4106, 0.2035**, and if you desaturate by 10%, it is **26.1964, 0.3953, 0.2017**.

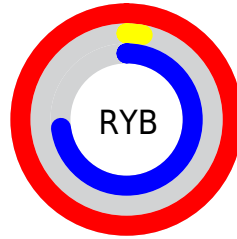
Distribution



Red (100%)

Green (3%)

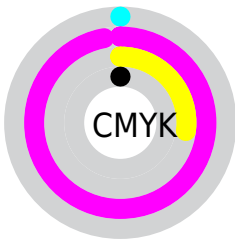
Blue (73%)



Red (100%)

Yellow (3%)

Blue (73%)

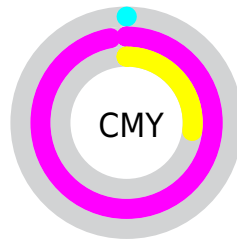


Cyan (0%)

Magenta (97%)

Yellow (27%)

Black (0%)



Cyan (0%)


Magenta (97%)

Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.9364, 0.4069, 0.2026 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 24.9364, 0.4069, 0.2026 by changing the saturation by 10% instead.


 24.9364, 0.4069,
0.2026


 24.9364, 0.4069,
0.2026


277.5211, 0.3593,
0.2642


 16.0297, 0.4188,
0.1880


 51.5540, 0.3896,
0.2244


 9.5452, 0.4339,
0.1700


 70.0337, 0.3831,
0.2328


 5.0984, 0.4538,
0.1470


 92.4732, 0.3776,
0.2400

 2.3051, 0.4808,
0.1176

 119.2568, 0.3729,
0.2461

 0.7764, 0.5192,
0.0794

 150.7691, 0.3688,
0.2515

 0.0000, 0.5950,
0.0000

187.3942, 0.3652,

 0.0000, 0.7429,

0.2562

0.0000

229.5168, 0.3621,
0.2604

■ 0.0000, 0.0000,
0.0000

■ 24.9364, 0.4069,
0.2026

■ 24.9364, 0.4069,
0.2026

■ 24.6657, 0.4106,
0.2035

■ 26.1964, 0.3953,
0.2017

■ 28.5423, 0.3833,
0.2057

■ 32.1832, 0.3713,
0.2146

■ 37.2835, 0.3597,
0.2275

■ 43.9834, 0.3489,
0.2434

■ 52.4063, 0.3392,
0.2612

■ 62.6636, 0.3305,
0.2798

■ 74.8573, 0.3230,
0.2986

■ 89.0817, 0.3165,
0.3170

Harmonies

Analogous

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



24.9364, 0.2510, 0.1515



24.9364, 0.4069, 0.2026



24.9364, 0.5563, 0.2744

Triad

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



24.9364, 0.4069, 0.2026



24.9364, 0.4287, 0.5589



24.9364, 0.0887, 0.1924

Complementary

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



24.9364, 0.4069, 0.2026



72.1234, 0.2897, 0.5610

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.



24.9364, 0.1111, 0.3227



24.9364, 0.4069, 0.2026



24.9364, 0.3023, 0.6291

Square

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



24.9364, 0.4069, 0.2026



24.9364, 0.5413, 0.4472



24.9364, 0.1854, 0.5298



24.9364, 0.1021, 0.1397

Rectangle

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



24.9364, 0.4069, 0.2026



24.9364, 0.6001, 0.3261



24.9364, 0.1854, 0.5298



24.9364, 0.0916, 0.2250

Sweetspot

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



24.9378, 0.4069, 0.2026



60.2703, 0.3323, 0.2757



9.0178, 0.1696, 0.0718



11.9522, 0.3360, 0.2678



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.



24.9378, 0.4069, 0.2026



24.6659, 0.4106, 0.2035



21.7790, 0.5989, 0.3092



18.2074, 0.3182, 0.3121



12.9154, 0.4087, 0.2025



1.2763, 0.3963, 0.1957

Inverse Universe

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



24.9378, 0.4069, 0.2026



24.6659, 0.4106, 0.2035



75.8125, 0.2445, 0.3990



18.2074, 0.3182, 0.3121



12.9154, 0.4087, 0.2025



1.2763, 0.3963, 0.1957

Previews

White Background



This preview shows how the Yxy color 24.9364, 0.4069, 0.2026 looks on a white background.

Color Contrast Check

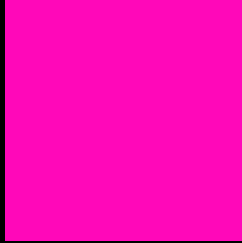
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.9364, 0.4069, 0.2026 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

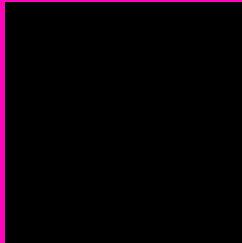
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.9364, 0.4069, 0.2026

Background



This preview shows how black text looks on a background with the Yxy color 24.9364, 0.4069, 0.2026.



This preview shows how white text looks on a background with the Yxy color 24.9364, 0.4069, 0.2026.

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

24.9364, 0.4069, 0.2026

Protanopia

25.7661, 0.1923, 0.1681

Deuteranopia

25.3316, 0.2745, 0.2687



Tritanopia

25.0751, 0.5479, 0.3265

Trichromacy



Original Color

24.9364, 0.4069, 0.2026



Protanomaly

18.2681, 0.2310, 0.1476



Deuteranomaly

19.6662, 0.3182, 0.2112



Tritanomaly

23.7816, 0.5063, 0.2757

Monochromacy



Original Color

24.9364, 0.4069, 0.2026



Achromatopsia

13.2868, 0.3127, 0.3290



Achromatomaly

13.0693, 0.3587, 0.2306

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.9364, 0.4069, 0.2026 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, 8, 185)` looks like.

```
.text, #text, p{  
    color:rgb(255, 8, 185)  
}
```

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, 8, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 8, 185) }
```

Border

The CSS property to change the border of an element to Yxy 24.9364, 0.4069, 0.2026 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, 8, 185) }
```

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

```
.border{ border-color:rgb(255, 8, 185) }
```

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

Here you see how a box with a 4 pixel rgb(255, 8, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 8, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 8, 185);  
box-shadow:4px 4px 4px 4px rgb(255, 8,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 24.9364, 0.4069, 0.2026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 8, 185) }
```

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

```
.background{ background-color: rgb(255, 8,  
185) }
```

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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