

Converting Colors

Yxy(24.1653, 0.4613, 0.2369)

Have a look what the booklet for
Yxy(24.1653, 0.4613, 0.2369)
contains.

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Color

Yxy(24.1687, 0.4619, 0.2374)

Conversions

Conversions Part 1

Format	Color
Hex	FF1A95
RGB	255, 26, 149
RGB Percent	100%, 10%, 58%
CMY	0.0001, 0.8973, 0.4158
CMYK	0.00, 0.90, 0.42, 0.00
HSL	328°, 100%, 55%
HSV	328°, 90%, 100%
XYZ	47.0241, 24.1687, 30.6130
YIQ	108.4930, 97.0010, 86.8010

Conversions

Conversions Part 2

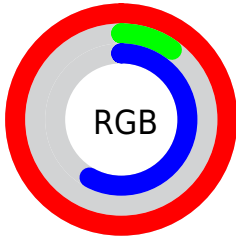
Format	Color
R _Y B	255, 26, 149
Decimal	16718485
CIE Lab	56.26, 84.01, -6.44
CIE LCh	56, 84.252, 355.615
Yxy	24.1687, 0.4619, 0.2374
Android (android.graphics.Color)	4294908565 (0xFFFF1A95)
YUV	108.4930, 19.9700, 128.4866
Hunter-Lab	49.1617, 84.7058, -2.5068

Details

The Yxy color **24.1687, 0.4619, 0.2374** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle washed rose. A complement of this color would be **73.3915, 0.2733, 0.4970**, and the grayscale version is **15.0926, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.0872, 0.3724, 0.2346**, and **12.0883, 0.4921, 0.2484** is the 20% darker color. If you saturate the color by 10%, you get **23.0797, 0.4837, 0.2439**, and if you desaturate by 10%, it is **26.2473, 0.4393, 0.2360**.

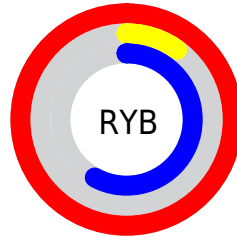
Distribution



Red (100%)

Green (10%)

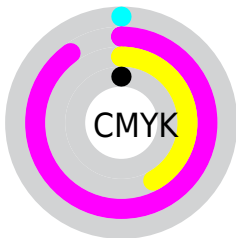
Blue (58%)



Red (100%)

Yellow (10%)

Blue (58%)

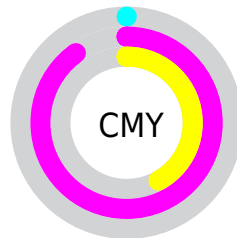


Cyan (0%)

Magenta (90%)

Yellow (42%)

Black (0%)



Cyan (0%)


Magenta (90%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.1687, 0.4619, 0.2374 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 24.1687, 0.4619, 0.2374 by changing the saturation by 10% instead.


 24.1687, 0.4619,
0.2374


 24.1687, 0.4619,
0.2374


273.6723, 0.3815,
0.2856


 15.4588, 0.4837,
0.2248


 50.3054, 0.4314,
0.2554


 9.1420, 0.5125,
0.2084


 68.5009, 0.4203,
0.2620


 4.8339, 0.5523,
0.1862

 90.6271, 0.4111,
0.2675

 2.1502, 0.6096,
0.1554

 117.0684, 0.4033,
0.2723

 0.6926, 0.6979,
0.1091

 148.2092, 0.3966,
0.2763

 0.0000, 1.0000,
0.0000

184.4338, 0.3909,

 0.0000, 0.0000,

0.2798

0.0000

226.1267, 0.3859,
0.2829

■ 24.1687, 0.4619,
0.2374

■ 24.1687, 0.4619,
0.2374

■ 23.0797, 0.4837,
0.2439

■ 26.2473, 0.4393,
0.2360

■ 23.0557, 0.4843,
0.2441

■ 29.5883, 0.4168,
0.2399

■ 34.3678, 0.3954,
0.2483

■ 40.7327, 0.3760,
0.2598

■ 48.8114, 0.3589,
0.2732

■ 58.7193, 0.3441,
0.2875

■ 70.5615, 0.3316,
0.3020

■ 84.4350, 0.3212,
0.3160

99.9937, 0.3127,
0.3290

Harmonies

Analogous

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



24.1687, 0.3099, 0.1781



24.1687, 0.4619, 0.2374



24.1687, 0.5690, 0.3110

Triad

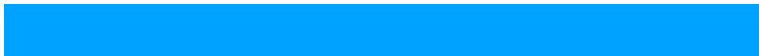
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



24.1687, 0.4619, 0.2374



24.1687, 0.3807, 0.5817



24.1687, 0.1015, 0.1755

Complementary

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



24.1687, 0.4619, 0.2374



73.3915, 0.2733, 0.4970

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.



24.1687, 0.1092, 0.2659



24.1687, 0.4619, 0.2374



24.1687, 0.2616, 0.5874

Square

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



24.1687, 0.4619, 0.2374



24.1687, 0.4934, 0.4882



24.1687, 0.1610, 0.4350



24.1687, 0.1275, 0.1428

Rectangle

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



24.1687, 0.4619, 0.2374



24.1687, 0.5816, 0.3638



24.1687, 0.1610, 0.4350



24.1687, 0.1001, 0.1976

Sweetspot

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



24.1701, 0.4619, 0.2374



61.7744, 0.3405, 0.2915



12.6427, 0.2026, 0.0932



12.4139, 0.3450, 0.2865



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.



24.1701, 0.4619, 0.2374



23.0624, 0.4843, 0.2441



22.1382, 0.6173, 0.3258



18.1501, 0.3210, 0.3163



12.0811, 0.4808, 0.2423



1.1984, 0.4575, 0.2294

Inverse Universe

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



24.1701, 0.4619, 0.2374



23.0624, 0.4843, 0.2441



78.2240, 0.2298, 0.3428



18.1501, 0.3210, 0.3163



12.0811, 0.4808, 0.2423



1.1984, 0.4575, 0.2294

Previews

White Background



This preview shows how the Yxy color 24.1687, 0.4619, 0.2374 looks on a white background.

Color Contrast Check

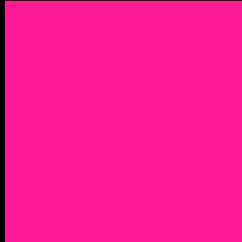
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.1687, 0.4619, 0.2374 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 24.1687, 0.4619, 0.2374

Background



This preview shows how black text looks on a background with the Yxy color 24.1687, 0.4619, 0.2374.



This preview shows how white text looks on a background with the Yxy color 24.1687, 0.4619, 0.2374.

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

24.1687, 0.4619, 0.2374

Protanopia

24.6040, 0.2263, 0.2125

Deuteranopia

24.2706, 0.3236, 0.3175



Tritanopia

24.2607, 0.5706, 0.3284

Trichromacy



Original Color

24.1687, 0.4619, 0.2374



Protanomaly

19.2133, 0.2869, 0.1985



Deuteranomaly

20.2208, 0.3761, 0.2618



Tritanomaly

23.8212, 0.5385, 0.2956

Monochromacy



Original Color

24.1687, 0.4619, 0.2374



Achromatopsia

15.2926, 0.3127, 0.3290



Achromatomaly

14.7286, 0.3753, 0.2591

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.1687, 0.4619, 0.2374 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, 26, 149)` looks like.

```
.text, #text, p{  
    color:rgb(255, 26, 149)  
}
```

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, 26, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 26, 149) }
```

Border

The CSS property to change the border of an element to Yxy 24.1687, 0.4619, 0.2374 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, 26, 149) }
```

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

```
.border{ border-color:rgb(255, 26, 149) }
```

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

Here you see how a box with a 4 pixel rgb(255, 26, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 26, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 26, 149);  
box-shadow:4px 4px 4px 4px rgb(255, 26,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 24.1687, 0.4619, 0.2374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 26, 149) }
```

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

```
.background{ background-color: rgb(255, 26,  
149) }
```

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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