

Converting Colors

Yxy(24.0068, 0.4760, 0.2462)

Have a look what the booklet for
Yxy(24.0068, 0.4760, 0.2462)
contains.

Yxy(23.9840, 0.4764, 0.2463)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(23.9840, 0.4764, 0.2463)

Conversions

Conversions Part 1

Format	Color
Hex	FF1C8C
RGB	255, 28, 140
RGB Percent	100%, 11%, 55%
CMY	0.0000, 0.8901, 0.4509
CMYK	0.00, 0.89, 0.45, 0.00
HSL	330°, 100%, 55%
HSV	330°, 89%, 100%
XYZ	46.3905, 23.9840, 27.0027
YIQ	108.6410, 99.3400, 82.9560

Conversions

Conversions Part 2

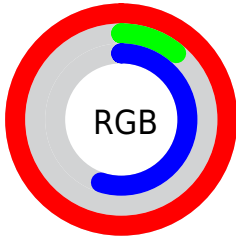
Format	Color
R_{YB}	255, 28, 140
Decimal	16718988
CIE _{Lab}	56.07, 83.02, -1.39
CIE _{LCh}	56, 83.029, 359.039
Yxy	23.9840, 0.4764, 0.2463
Android (android.graphics.Color)	4294909068 (0xFFFF1C8C)
YUV	108.6410, 15.4600, 128.3568
Hunter-Lab	48.9735, 83.3819, 1.5905

Details

The Yxy color **23.9840, 0.4764, 0.2463** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **73.7500, 0.2693, 0.4820**, and the grayscale version is **15.1230, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.6256, 0.3841, 0.2438**, and **11.9447, 0.5098, 0.2582** is the 20% darker color. If you saturate the color by 10%, you get **22.8495, 0.5006, 0.2536**, and if you desaturate by 10%, it is **26.1510, 0.4510, 0.2443**.

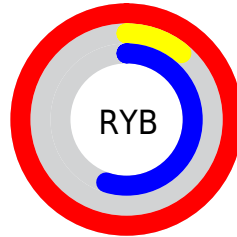
Distribution



Red (100%)

Green (11%)

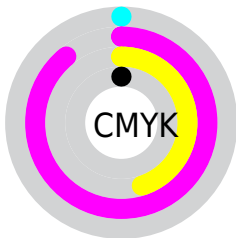
Blue (55%)



Red (100%)

Yellow (11%)

Blue (55%)

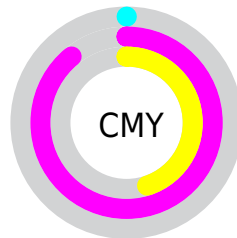


Cyan (0%)

Magenta (89%)

Yellow (45%)

Black (0%)



Cyan (0%)


Magenta (89%)

Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.9840, 0.4764, 0.2463 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 23.9840, 0.4764, 0.2463 by changing the saturation by 10% instead.


 23.9840, 0.4764,
0.2463


 23.9840, 0.4764,
0.2463


272.7396, 0.3874,
0.2910


 15.3218, 0.5007,
0.2342


 50.0041, 0.4424,
0.2633


 9.0455, 0.5331,
0.2182


 68.1307, 0.4301,
0.2694

 4.7709, 0.5777,
0.1962

 90.1809, 0.4200,
0.2746

 2.1135, 0.6420,
0.1647

 116.5391, 0.4114,
0.2789

 0.6722, 0.7412,
0.1159

 147.5897, 0.4041,
0.2826

 0.0000, 1.0000,
0.0000

183.7170, 0.3977,

 0.0000, 0.0000,

0.2858

0.0000

225.3055, 0.3922,
0.2886

■ 23.9840, 0.4764,
0.2463

■ 23.9840, 0.4764,
0.2463

■ 22.8495, 0.5006,
0.2536

■ 26.1510, 0.4510,
0.2443

■ 22.7620, 0.5030,
0.2544

■ 29.6016, 0.4258,
0.2476

■ 34.5095, 0.4021,
0.2553

■ 41.0205, 0.3806,
0.2660

■ 49.2624, 0.3618,
0.2784

■ 59.3498, 0.3458,
0.2917

■ 71.3876, 0.3323,
0.3050

■ 85.4728, 0.3211,
0.3179

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



23.9840, 0.3265, 0.1849



23.9840, 0.4764, 0.2463



23.9840, 0.5719, 0.3205

Triad

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



23.9840, 0.4764, 0.2463



23.9840, 0.3675, 0.5866



23.9840, 0.1043, 0.1710

Complementary

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



23.9840, 0.4764, 0.2463



73.7500, 0.2693, 0.4820

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.



23.9840, 0.1081, 0.2527



23.9840, 0.4764, 0.2463



23.9840, 0.2497, 0.5737

Square

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



23.9840, 0.4764, 0.2463



23.9840, 0.4809, 0.4992



23.9840, 0.1541, 0.4121



23.9840, 0.1341, 0.1430

Rectangle

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



23.9840, 0.4764, 0.2463



23.9840, 0.5767, 0.3738



23.9840, 0.1541, 0.4121



23.9840, 0.1017, 0.1908

Sweetspot

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



23.9851, 0.4764, 0.2463



61.6149, 0.3429, 0.2944



13.7583, 0.2125, 0.0990



12.3764, 0.3479, 0.2898



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.



23.9851, 0.4764, 0.2463



22.7620, 0.5030, 0.2544



22.1750, 0.6229, 0.3299



18.1365, 0.3216, 0.3173



11.9237, 0.4992, 0.2524



1.1830, 0.4734, 0.2382

Inverse Universe

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



23.9851, 0.4764, 0.2463



22.7620, 0.5030, 0.2544



78.9871, 0.2260, 0.3287



18.1365, 0.3216, 0.3173



11.9237, 0.4992, 0.2524



1.1830, 0.4734, 0.2382

Previews

White Background



This preview shows how the Yxy color 23.9840, 0.4764, 0.2463 looks on a white background.

Color Contrast Check

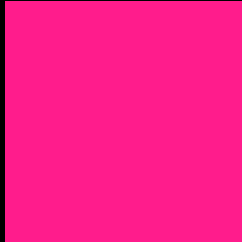
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.9840, 0.4764, 0.2463 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 23.9840, 0.4764, 0.2463

Background



This preview shows how black text looks on a background with the Yxy color 23.9840, 0.4764, 0.2463.



This preview shows how white text looks on a background with the Yxy color 23.9840, 0.4764, 0.2463.

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

23.9840, 0.4764, 0.2463

Protanopia

24.3630, 0.2383, 0.2287

Deuteranopia

24.0343, 0.3374, 0.3307



Tritanopia

24.0887, 0.5764, 0.3285

Trichromacy



Original Color

23.9840, 0.4764, 0.2463



Protanomaly

19.3581, 0.3034, 0.2132



Deuteranomaly

20.2135, 0.3921, 0.2744



Tritanomaly

23.5475, 0.5481, 0.2998

Monochromacy



Original Color

23.9840, 0.4764, 0.2463



Achromatopsia

15.2926, 0.3127, 0.3290



Achromatomaly

14.7748, 0.3817, 0.2665

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.9840, 0.4764, 0.2463 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, 28, 140)` looks like.

```
.text, #text, p{  
    color:rgb(255, 28, 140)  
}
```

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, 28, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 28, 140) }
```

Border

The CSS property to change the border of an element to Yxy 23.9840, 0.4764, 0.2463 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, 28, 140) }
```

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

```
.border{ border-color:rgb(255, 28, 140) }
```

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

Here you see how a box with a 4 pixel rgb(255, 28, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 28, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 28, 140);  
box-shadow:4px 4px 4px 4px rgb(255, 28,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 23.9840, 0.4764, 0.2463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 28, 140) }
```

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

```
.background{ background-color: rgb(255, 28,  
140) }
```

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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