

Converting Colors

$Yxy(23.9587, 0.4386, 0.2190)$

Have a look what the booklet for
Yxy(23.9587, 0.4386, 0.2190)
contains.

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Color

Yxy(23.9766, 0.4378, 0.2186)

Conversions

Conversions Part 1

Format	Color
Hex	FF00A5
RGB	255, 0, 165
RGB Percent	100%, 0%, 65%
CMY	0.0002, 0.9982, 0.3530
CMYK	0.00, 1.00, 0.35, 0.00
HSL	321°, 100%, 50%
HSV	321°, 100%, 100%
XYZ	48.0190, 23.9766, 37.6869
YIQ	95.0550, 99.0150, 105.3750

Conversions

Conversions Part 2

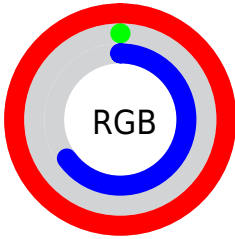
Format	Color
R_{YB}	255, 0, 165
Decimal	16711845
CIE _{Lab}	56.06, 87.60, -16.17
CIE _{LCh}	56, 89.083, 349.539
Yxy	23.9766, 0.4378, 0.2186
Android (android.graphics.Color)	4294901925 (0xFFFF00A5)
YUV	95.0550, 34.4829, 140.2718
Hunter-Lab	48.9659, 89.3579, -11.3568

Details

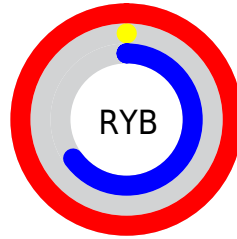
The Yxy color **23.9766, 0.4378, 0.2186** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle saturated rose. A complement of this color would be **72.2418, 0.2859, 0.5490**, and the grayscale version is **11.4189, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.7347, 0.3542, 0.2152**, and **12.3987, 0.4592, 0.2303** is the 20% darker color. If you saturate the color by 10%, you get **23.9624, 0.4381, 0.2187**, and if you desaturate by 10%, it is **25.0445, 0.4224, 0.2149**.

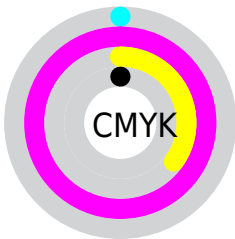
Distribution



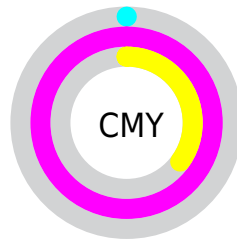
- Red (100%)
- Green (0%)
- Blue (65%)



- Red (100%)
- Yellow (0%)
- Blue (65%)



- Cyan (0%)
- Magenta (100%)
- Yellow (35%)
- Black (0%)




- Cyan (0%)
- Magenta (100%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.9766, 0.4378, 0.2186 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 23.9766, 0.4378, 0.2186 by changing the saturation by 10% instead.


 23.9766, 0.4378,
0.2186


 23.9766, 0.4378,
0.2186


272.7022, 0.3718,
0.2744


 15.3163, 0.4552,
0.2047


 49.9920, 0.4131,
0.2389


 9.0416, 0.4780,
0.1871


 68.1159, 0.4040,
0.2465

 4.7684, 0.5090,
0.1641


 90.1630, 0.3964,
0.2530

 2.1120, 0.5530,
0.1334

 116.5179, 0.3900,
0.2585

 0.6714, 0.6202,
0.0898

 147.5648, 0.3845,
0.2633

 0.0000, 0.7591,
0.0000

183.6883, 0.3797,

 0.0000, 1.0000,

0.2675

0.0000

225.2726, 0.3755,
0.2712

■ 0.0000, 0.0000,
0.0000

■ 23.9766, 0.4378,
0.2186

■ 23.9766, 0.4378,
0.2186

■ 23.9624, 0.4381,
0.2187

■ 25.0445, 0.4224,
0.2149

■ 27.0780, 0.4065,
0.2159

■ 30.3582, 0.3906,
0.2221

■ 35.0593, 0.3754,
0.2327

■ 41.3280, 0.3612,
0.2465

■ 49.2922, 0.3485,
0.2623

■ 59.0668, 0.3373,
0.2793

■ 70.7565, 0.3277,
0.2964

■ 84.4580, 0.3195,
0.3132

Harmonies

Analogous

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



23.9766, 0.2797, 0.1628



23.9766, 0.4378, 0.2186



23.9766, 0.5686, 0.2918

Triad

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



23.9766, 0.4378, 0.2186



23.9766, 0.4038, 0.5749



23.9766, 0.0926, 0.1808

Complementary

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



23.9766, 0.4378, 0.2186



72.2418, 0.2859, 0.5490

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.



23.9766, 0.1072, 0.2903



23.9766, 0.4378, 0.2186



23.9766, 0.2802, 0.6170

Square

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



23.9766, 0.4378, 0.2186



23.9766, 0.5188, 0.4688



23.9766, 0.1701, 0.4835



23.9766, 0.1123, 0.1388

Rectangle

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



23.9766, 0.4378, 0.2186



23.9766, 0.5957, 0.3441



23.9766, 0.1701, 0.4835



23.9766, 0.0933, 0.2078

Sweetspot

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



23.9780, 0.4378, 0.2186



58.8991, 0.3375, 0.2790



9.3772, 0.1752, 0.0739



11.6787, 0.3420, 0.2718



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.



23.9780, 0.4378, 0.2186



23.9712, 0.4381, 0.2187



21.4059, 0.6224, 0.3203



18.1849, 0.3193, 0.3137



12.5549, 0.4356, 0.2173



1.2432, 0.4191, 0.2082

Inverse Universe

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



23.9780, 0.4378, 0.2186



23.9712, 0.4381, 0.2187



76.4948, 0.2383, 0.3778



18.1849, 0.3193, 0.3137



12.5549, 0.4356, 0.2173



1.2432, 0.4191, 0.2082

Previews

White Background



This preview shows how the Yxy color 23.9766, 0.4378, 0.2186 looks on a white background.

Color Contrast Check

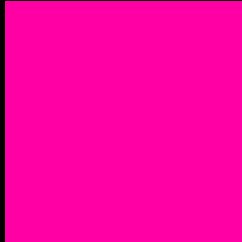
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.9766, 0.4378, 0.2186 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 23.9766, 0.4378, 0.2186

Background



This preview shows how black text looks on a background with the Yxy color 23.9766, 0.4378, 0.2186.



This preview shows how white text looks on a background with the Yxy color 23.9766, 0.4378, 0.2186.

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

23.9766, 0.4378, 0.2186

Protanopia

24.6825, 0.2040, 0.1830

Deuteranopia

24.4111, 0.2990, 0.2931



Tritanopia

24.3377, 0.5654, 0.3276

Trichromacy



Original Color

23.9766, 0.4378, 0.2186



Protanomaly

17.3834, 0.2531, 0.1617



Deuteranomaly

18.7544, 0.3498, 0.2291



Tritanomaly

23.1444, 0.5301, 0.2849

Monochromacy



Original Color

23.9766, 0.4378, 0.2186



Achromatopsia

11.4435, 0.3127, 0.3290



Achromatomaly

11.4659, 0.3737, 0.2355

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.9766, 0.4378, 0.2186 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, 0, 165)` looks like.

```
.text, #text, p{  
    color:rgb(255, 0, 165)  
}
```

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, 0, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 0, 165) }
```

Border

The CSS property to change the border of an element to Yxy 23.9766, 0.4378, 0.2186 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, 0, 165) }
```

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

```
.border{ border-color:rgb(255, 0, 165) }
```

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

Here you see how a box with a 4 pixel rgb(255, 0, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 0, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 0, 165);  
box-shadow:4px 4px 4px 4px rgb(255, 0,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 23.9766, 0.4378, 0.2186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 0, 165) }
```

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

```
.background{ background-color: rgb(255, 0,  
165) }
```

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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