

Converting Colors

$Y_{xy}(23.9133, 0.4582, 0.2327)$

Have a look what the booklet for
Yxy(23.9133, 0.4582, 0.2327)
contains.

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Color

Yxy(23.9279, 0.4579, 0.2326)

Conversions

Conversions Part 1

Format	Color
Hex	FF1198
RGB	255, 17, 152
RGB Percent	100%, 7%, 60%
CMY	0.0000, 0.9329, 0.4039
CMYK	0.00, 0.93, 0.40, 0.00
HSL	326°, 100%, 53%
HSV	326°, 93%, 100%
XYZ	47.1048, 23.9279, 31.8387
YIQ	103.5520, 98.5130, 92.4410

Conversions

Conversions Part 2

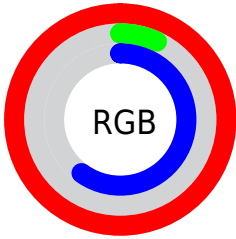
Format	Color
R_{YB}	255, 17, 152
Decimal	16716184
CIE _{Lab}	56.02, 85.27, -8.58
CIE _{LCh}	56, 85.701, 354.252
Yxy	23.9279, 0.4579, 0.2326
Android (android.graphics.Color)	4294906264 (0xFFFF1198)
YUV	103.5520, 23.8849, 132.8199
Hunter-Lab	48.9162, 86.2871, -4.3496

Details

The Yxy color **23.9279, 0.4579, 0.2326** 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 **72.9926, 0.2770, 0.5133**, and the grayscale version is **13.6503, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.6169, 0.3694, 0.2295**, and **12.1461, 0.4854, 0.2448** is the 20% darker color. If you saturate the color by 10%, you get **23.2897, 0.4713, 0.2370**, and if you desaturate by 10%, it is **25.6033, 0.4374, 0.2299**.

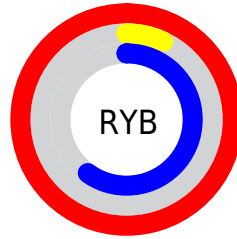
Distribution



Red (100%)

Green (7%)

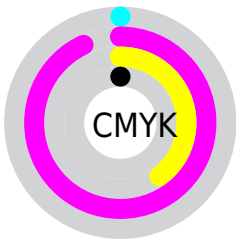
Blue (60%)



Red (100%)

Yellow (7%)

Blue (60%)

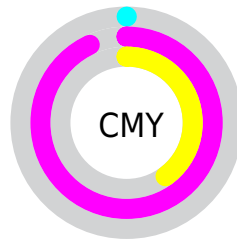


Cyan (0%)

Magenta (93%)

Yellow (40%)

Black (0%)



Cyan (0%)


Magenta (93%)

Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.9279, 0.4579, 0.2326 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 23.9279, 0.4579, 0.2326 by changing the saturation by 10% instead.


 23.9279, 0.4579,
0.2326


 23.9279, 0.4579,
0.2326


272.4558, 0.3799,
0.2829


 15.2801, 0.4790,
0.2196


 49.9125, 0.4283,
0.2513


 9.0162, 0.5068,
0.2028


 68.0182, 0.4176,
0.2582

 4.7518, 0.5451,
0.1802


 90.0452, 0.4086,
0.2639

 2.1024, 0.6003,
0.1491

 116.3781, 0.4011,
0.2689

 0.6660, 0.6857,
0.1027

 147.4012, 0.3946,
0.2731

 0.0000, 0.9423,
0.0000

183.4990, 0.3890,

 0.0000, 1.0000,

0.2768

0.0000

225.0557, 0.3842,
0.2800

■ 0.0000, 0.0000,
0.0000

■ 23.9279, 0.4579,
0.2326

■ 23.9279, 0.4579,
0.2326

■ 23.2897, 0.4713,
0.2370


■ 25.6033, 0.4374,
0.2299

■ 28.4645, 0.4166,
0.2327


■ 32.7017, 0.3966,
0.2403

■ 38.4700, 0.3780,
0.2514

■ 45.9035, 0.3613,
0.2650

 55.1215, 0.3468,
0.2798

 66.2325, 0.3344,
0.2951

 79.3359, 0.3240,
0.3101

 94.5245, 0.3153,
0.3245

Harmonies

Analogous

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



23.9279, 0.3031, 0.1739



23.9279, 0.4579, 0.2326



23.9279, 0.5710, 0.3063

Triad

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



23.9279, 0.4579, 0.2326



23.9279, 0.3856, 0.5821



23.9279, 0.0984, 0.1756

Complementary

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



23.9279, 0.4579, 0.2326



72.9926, 0.2770, 0.5133

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.



23.9279, 0.1076, 0.2702



23.9279, 0.4579, 0.2326



23.9279, 0.2650, 0.5969

Square

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



23.9279, 0.4579, 0.2326



23.9279, 0.4996, 0.4844



23.9279, 0.1618, 0.4462



23.9279, 0.1231, 0.1409

Rectangle

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



23.9279, 0.4579, 0.2326



23.9279, 0.5865, 0.3591



23.9279, 0.1618, 0.4462



23.9279, 0.0975, 0.1987

Sweetspot

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



23.9293, 0.4579, 0.2326



60.7615, 0.3400, 0.2879



11.3523, 0.1926, 0.0858



12.0128, 0.3455, 0.2813



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.



23.9293, 0.4579, 0.2326



23.2917, 0.4713, 0.2370



21.7957, 0.6205, 0.3238



18.1597, 0.3205, 0.3156



12.2010, 0.4681, 0.2352



1.2099, 0.4466, 0.2234

Inverse Universe

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



23.9293, 0.4579, 0.2326



23.2917, 0.4713, 0.2370



77.6417, 0.2322, 0.3534



18.1597, 0.3205, 0.3156



12.2010, 0.4681, 0.2352



1.2099, 0.4466, 0.2234

Previews

White Background



This preview shows how the Yxy color 23.9279, 0.4579, 0.2326 looks on a white background.

Color Contrast Check

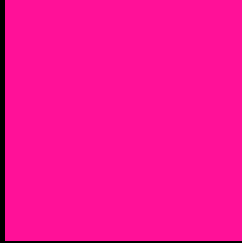
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.9279, 0.4579, 0.2326 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 23.9279, 0.4579, 0.2326

Background



This preview shows how black text looks on a background with the Yxy color 23.9279, 0.4579, 0.2326.



This preview shows how white text looks on a background with the Yxy color 23.9279, 0.4579, 0.2326.

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

23.9279, 0.4579, 0.2326

Protanopia

24.3371, 0.2196, 0.2036

Deuteranopia

24.1754, 0.3181, 0.3126



Tritanopia

24.1281, 0.5735, 0.3291

Trichromacy



Original Color

23.9279, 0.4579, 0.2326



Protanomaly

18.4317, 0.2783, 0.1874



Deuteranomaly

19.6710, 0.3712, 0.2538



Tritanomaly

23.4757, 0.5416, 0.2944

Monochromacy



Original Color

23.9279, 0.4579, 0.2326



Achromatopsia

13.8432, 0.3127, 0.3290



Achromatomaly

13.3861, 0.3781, 0.2522

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.9279, 0.4579, 0.2326 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, 17, 152)` looks like.

```
.text, #text, p{  
    color:rgb(255, 17, 152)  
}
```

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, 17, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 17, 152) }
```

Border

The CSS property to change the border of an element to Yxy 23.9279, 0.4579, 0.2326 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, 17, 152) }
```

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

```
.border{ border-color:rgb(255, 17, 152) }
```

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

Here you see how a box with a 4 pixel rgb(255, 17, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 17, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 17, 152);  
box-shadow:4px 4px 4px 4px rgb(255, 17,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 23.9279, 0.4579, 0.2326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 17, 152) }
```

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

```
.background{ background-color: rgb(255, 17,  
152) }
```

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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