

Converting Colors

Yxy(23.3827, 0.4011, 0.2028)

Have a look what the booklet for
Yxy(23.3827, 0.4011, 0.2028)
contains.

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Color

Yxy(23.4439, 0.4009, 0.2028)

Conversions

Conversions Part 1

Format	Color
Hex	F519B5
RGB	245, 25, 181
RGB Percent	96%, 10%, 71%
CMY	0.0392, 0.9018, 0.2901
CMYK	0.00, 0.90, 0.26, 0.04
HSL	317°, 92%, 53%
HSV	317°, 90%, 96%
XYZ	46.3445, 23.4439, 45.8127
YIQ	108.5640, 81.0440, 95.1560

Conversions

Conversions Part 2

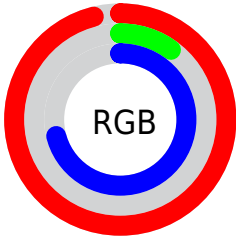
Format	Color
R _Y B	245, 25, 181
Decimal	16062901
CIE Lab	55.53, 85.24, -26.54
CIE LCh	56, 89.274, 342.702
Yxy	23.4439, 0.4009, 0.2028
Android (android.graphics.Color)	4294252981 (0xFFFF519B5)
YUV	108.5640, 35.7109, 119.6544
Hunter-Lab	48.4189, 86.1194, -22.2054

Details

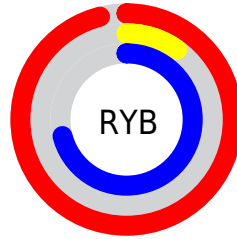
The Yxy color **23.4439, 0.4009, 0.2028** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed rose. A complement of this color would be **66.2288, 0.2869, 0.5452**, and the grayscale version is **15.0493, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.6825, 0.3361, 0.2053**, and **11.6258, 0.4147, 0.2058** is the 20% darker color. If you saturate the color by 10%, you get **22.4749, 0.4128, 0.2049**, and if you desaturate by 10%, it is **25.2900, 0.3886, 0.2053**.

Distribution



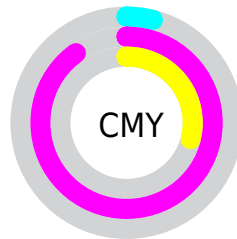
- Red (96%)
- Green (10%)
- Blue (71%)



- Red (96%)
- Yellow (10%)
- Blue (71%)



- Cyan (0%)
- Magenta (90%)
- Yellow (26%)
- Black (4%)





- Cyan (4%)
- Magenta (90%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.4439, 0.4009, 0.2028 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 23.4439, 0.4009, 0.2028 by changing the saturation by 10% instead.


 23.4439, 0.4009,
0.2028


 23.4439, 0.4009,
0.2028

269.9968, 0.3561,
0.2649


 14.9216, 0.4122,
0.1879


 49.1212, 0.3845,
0.2250


 8.7644, 0.4266,
0.1694


 67.0450, 0.3784,
0.2334

 4.5878, 0.4456,
0.1457


 88.8714, 0.3732,
0.2406

 2.0075, 0.4715,
0.1151

 114.9849, 0.3688,
0.2468

 0.6118, 0.5099,
0.0727

 145.7697, 0.3649,
0.2522

 0.0000, 0.5784,
0.0000

181.6104, 0.3616,

 0.0000, 0.8338,

0.2570

0.0000

222.8913, 0.3587,
0.2612

■ 0.0000, 0.0000,
0.0000

■ 23.4439, 0.4009,
0.2028

■ 23.4439, 0.4009,
0.2028

■ 22.4749, 0.4128,
0.2049

■ 25.2900, 0.3886,
0.2053

■ 22.4573, 0.4131,
0.2049

■ 28.2657, 0.3762,
0.2127

■ 32.5296, 0.3642,
0.2244

■ 38.2142, 0.3528,
0.2394

■ 45.4354, 0.3425,
0.2566

■ 54.2969, 0.3333,
0.2749

■ 64.8937, 0.3253,
0.2935

■ 77.3132, 0.3184,
0.3118

■ 91.6370, 0.3126,
0.3294

Harmonies

Analogous

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



23.4439, 0.2488, 0.1528



23.4439, 0.4009, 0.2028



23.4439, 0.5490, 0.2738

Triad

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



23.4439, 0.4009, 0.2028



23.4439, 0.4320, 0.5537



23.4439, 0.0914, 0.1971

Complementary

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



23.4439, 0.4009, 0.2028



66.2288, 0.2869, 0.5452

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.



23.4439, 0.1152, 0.3282



23.4439, 0.4009, 0.2028



23.4439, 0.3074, 0.6231

Square

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



23.4439, 0.4009, 0.2028



23.4439, 0.5414, 0.4446



23.4439, 0.1909, 0.5302



23.4439, 0.1038, 0.1430

Rectangle

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



23.4439, 0.4009, 0.2028



23.4439, 0.5947, 0.3253



23.4439, 0.1909, 0.5302



23.4439, 0.0947, 0.2303

Sweetspot

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



23.4452, 0.4009, 0.2028



62.4379, 0.3310, 0.2800



9.3322, 0.1774, 0.0796



12.5709, 0.3339, 0.2736



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.



23.4452, 0.4009, 0.2028



24.5898, 0.4133, 0.2051



20.5848, 0.5769, 0.3030



16.6813, 0.3183, 0.3124



12.1243, 0.4112, 0.2039



1.0834, 0.3972, 0.1962

Inverse Universe

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



23.4452, 0.4009, 0.2028



24.5898, 0.4133, 0.2051



69.5541, 0.2440, 0.3932



16.6813, 0.3183, 0.3124



12.1243, 0.4112, 0.2039



1.0834, 0.3972, 0.1962

Previews

White Background



This preview shows how the Yxy color 23.4439, 0.4009, 0.2028 looks on a white background.

Color Contrast Check

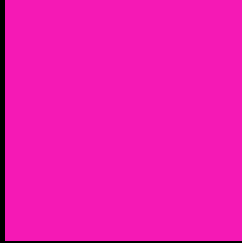
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.4439, 0.4009, 0.2028 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

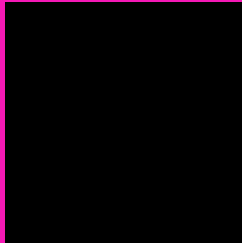
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.4439, 0.4009, 0.2028

Background



This preview shows how black text looks on a background with the Yxy color 23.4439, 0.4009, 0.2028.



This preview shows how white text looks on a background with the Yxy color 23.4439, 0.4009, 0.2028.

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

23.4439, 0.4009, 0.2028

Protanopia

24.2448, 0.1879, 0.1624

Deuteranopia

23.7241, 0.2717, 0.2656



Tritanopia

23.4521, 0.5390, 0.3262

Trichromacy



Original Color

23.4439, 0.4009, 0.2028



Protanomaly

17.9462, 0.2250, 0.1501



Deuteranomaly

19.3682, 0.3143, 0.2154



Tritanomaly

22.5914, 0.4963, 0.2773

Monochromacy



Original Color

23.4439, 0.4009, 0.2028



Achromatopsia

15.2926, 0.3127, 0.3290



Achromatomaly

14.4671, 0.3518, 0.2401

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.4439, 0.4009, 0.2028 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(245, 25, 181)` looks like.

```
.text, #text, p{  
    color:rgb(245, 25, 181)  
}
```

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(245, 25, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 25, 181) }
```

Border

The CSS property to change the border of an element to Yxy 23.4439, 0.4009, 0.2028 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(245, 25, 181) }
```

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

```
.border{ border-color:rgb(245, 25, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 25, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 25, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 25, 181);  
box-shadow:4px 4px 4px 4px rgb(245, 25,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 23.4439, 0.4009, 0.2028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 25, 181) }
```

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

```
.background{ background-color: rgb(245, 25,  
181) }
```

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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