

Converting Colors

$Y_{xy}(23.7179, 0.4875, 0.2705)$

Have a look what the booklet for
Yxy(23.7179, 0.4875, 0.2705)
contains.

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Color

Yxy(23.6709, 0.4881, 0.2709)

Conversions

Conversions Part 1

Format	Color
Hex	F5387B
RGB	245, 56, 123
RGB Percent	96%, 22%, 48%
CMY	0.0392, 0.7804, 0.5177
CMYK	0.00, 0.77, 0.50, 0.04
HSL	339°, 90%, 59%
HSV	339°, 77%, 96%
XYZ	42.6496, 23.6709, 21.0583
YIQ	120.1490, 91.1370, 60.9050

Conversions

Conversions Part 2

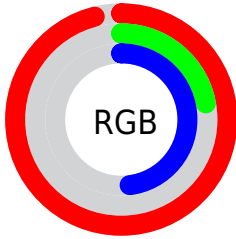
Format	Color
R _Y B	245, 56, 123
Decimal	16070779
CIE Lab	55.76, 73.49, 8.06
CIE LCh	56, 73.935, 6.257
Yxy	23.6709, 0.4881, 0.2709
Android (android.graphics.Color)	4294260859 (0xFFFF5387B)
YUV	120.1490, 1.4055, 109.4943
Hunter-Lab	48.6527, 71.3329, 8.3945

Details

The Yxy color **23.6709, 0.4881, 0.2709** is a dark color, and the websafe version is hex **CC0066**. The color can be described as middle washed rose. A complement of this color would be **69.3696, 0.2565, 0.4205**, and the grayscale version is **18.8042, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.7881, 0.4024, 0.2730**, and **10.4531, 0.5326, 0.2708** is the 20% darker color. If you saturate the color by 10%, you get **21.4861, 0.5216, 0.2745**, and if you desaturate by 10%, it is **27.0829, 0.4544, 0.2722**.

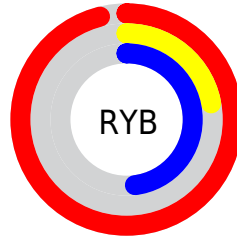
Distribution



Red (96%)

Green (22%)

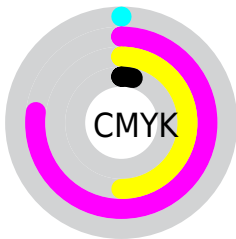
Blue (48%)



Red (96%)

Yellow (22%)

Blue (48%)

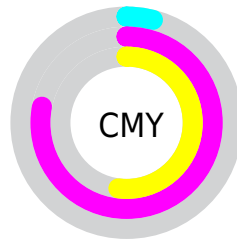


Cyan (0%)

Magenta (77%)

Yellow (50%)

Black (4%)



Cyan (4%)


Magenta (78%)


Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 23.6709, 0.4881, 0.2709 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 23.6709, 0.4881, 0.2709 by changing the saturation by 10% instead.


 23.6709, 0.4881,
0.2709


 23.6709, 0.4881,
0.2709


271.1524, 0.3913,
0.3048

 15.0897, 0.5150,
0.2608


 49.4926, 0.4508,
0.2844

 8.8823, 0.5510,
0.2467

 67.5019, 0.4374,
0.2892

 4.6645, 0.6010,
0.2264

 89.4227, 0.4264,
0.2930

 2.0518, 0.6732,
0.1951

 115.6393, 0.4171,
0.2962

 0.6373, 0.8225,
0.1473

 146.5362, 0.4092,
0.2988

 0.0000, 1.0000,
0.0000

182.4977, 0.4024,

 0.0000, 0.0000,

0.3011

0.0000

223.9084, 0.3965,
0.3031

■ 23.6709, 0.4881,
0.2709

■ 23.6709, 0.4881,
0.2709

■ 21.4861, 0.5216,
0.2745

■ 27.0829, 0.4544,
0.2722

■ 20.3286, 0.5522,
0.2832


■ 31.8703, 0.4229,
0.2774

■ 20.1012, 0.5604,
0.2861

■ 38.1645, 0.3950,
0.2851


■ 46.0801, 0.3710,
0.2942

■ 55.7207, 0.3510,
0.3039

 67.1812, 0.3344,
0.3135

 80.5494, 0.3209,
0.3227

 95.9074, 0.3098,
0.3314

 98.1554, 0.3066,
0.3290

Harmonies

Analogous

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



23.6709, 0.3585, 0.2083



23.6709, 0.4881, 0.2709



23.6709, 0.5548, 0.3440

Triad

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



23.6709, 0.4881, 0.2709



23.6709, 0.3432, 0.5704



23.6709, 0.1224, 0.1744

Complementary

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



23.6709, 0.4881, 0.2709



69.3696, 0.2565, 0.4205

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.



23.6709, 0.1191, 0.2381



23.6709, 0.4881, 0.2709



23.6709, 0.2348, 0.5182

Square

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



23.6709, 0.4881, 0.2709



23.6709, 0.4501, 0.5126



23.6709, 0.1539, 0.3654



23.6709, 0.1595, 0.1554

Rectangle

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



23.6709, 0.4881, 0.2709



23.6709, 0.5482, 0.3968



23.6709, 0.1539, 0.3654



23.6709, 0.1176, 0.1897

Sweetspot

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



23.6723, 0.4881, 0.2709



65.9150, 0.3438, 0.3079



18.6162, 0.2508, 0.1307



13.1790, 0.3501, 0.3044



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.



23.6723, 0.4881, 0.2709



22.6454, 0.5407, 0.2792



25.6138, 0.5627, 0.3487



16.5796, 0.3238, 0.3206



10.8511, 0.5561, 0.2837



0.9725, 0.5215, 0.2646

Inverse Universe

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



23.6723, 0.4881, 0.2709



22.6454, 0.5407, 0.2792



58.5217, 0.2210, 0.2962



16.5796, 0.3238, 0.3206



10.8511, 0.5561, 0.2837



0.9725, 0.5215, 0.2646

Previews

White Background



This preview shows how the Yxy color 23.6709, 0.4881, 0.2709 looks on a white background.

Color Contrast Check

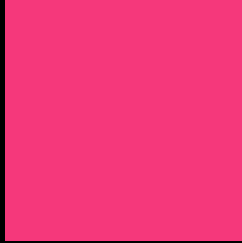
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.6709, 0.4881, 0.2709 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

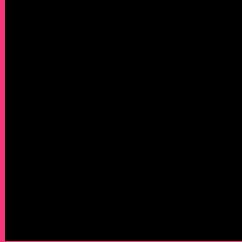
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.6709, 0.4881, 0.2709

Background



This preview shows how black text looks on a background with the Yxy color 23.6709, 0.4881, 0.2709.



This preview shows how white text looks on a background with the Yxy color 23.6709, 0.4881, 0.2709.

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

23.6709, 0.4881, 0.2709

Protanopia

24.0037, 0.2754, 0.2762

Deuteranopia

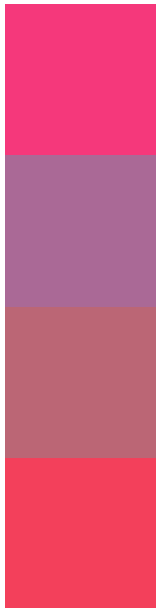
23.7854, 0.3601, 0.3538



Tritanopia

23.6014, 0.5536, 0.3273

Trichromacy



Original Color

23.6709, 0.4881, 0.2709

Protanomaly

20.8512, 0.3416, 0.2625

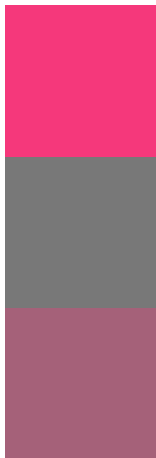
Deuteranomaly

21.3519, 0.4109, 0.3083

Tritanomaly

23.4768, 0.5322, 0.3071

Monochromacy



Original Color

23.6709, 0.4881, 0.2709

Achromatopsia

18.7821, 0.3127, 0.3290

Achromatomaly

17.9292, 0.3780, 0.2915

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.6709, 0.4881, 0.2709 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, 56, 123)` looks like.

```
.text, #text, p{  
    color:rgb(245, 56, 123)  
}
```

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, 56, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 56, 123) }
```

Border

The CSS property to change the border of an element to Yxy 23.6709, 0.4881, 0.2709 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, 56, 123) }
```

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

```
.border{ border-color:rgb(245, 56, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 56, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 56, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 56, 123);  
box-shadow:4px 4px 4px 4px rgb(245, 56,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 23.6709, 0.4881, 0.2709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 56, 123) }
```

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

```
.background{ background-color: rgb(245, 56,  
123) }
```

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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