

Converting Colors

$Yxy(23.9124, 0.5076, 0.2697)$

Have a look what the booklet for
Yxy(23.9124, 0.5076, 0.2697)
contains.

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Color

Yxy(23.8538, 0.5078, 0.2696)

Conversions

Conversions Part 1

Format	Color
Hex	FE2777
RGB	254, 39, 119
RGB Percent	100%, 15%, 47%
CMY	0.0039, 0.8470, 0.5333
CMYK	0.00, 0.85, 0.53, 0.00
HSL	338°, 99%, 57%
HSV	338°, 85%, 100%
XYZ	44.9294, 23.8538, 19.6953
YIQ	112.4050, 102.4600, 70.4600

Conversions

Conversions Part 2

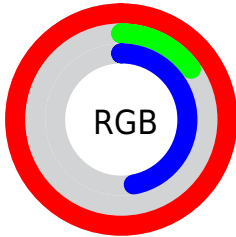
Format	Color
R_{YB}	254, 39, 119
Decimal	16656247
CIE _{Lab}	55.94, 79.40, 10.93
CIE _{LCh}	56, 80.151, 7.836
Yxy	23.8538, 0.5078, 0.2696
Android (android.graphics.Color)	4294846327 (0xFFFE2777)
YUV	112.4050, 3.2513, 124.1788
Hunter-Lab	48.8404, 78.7357, 10.2790

Details

The Yxy color **23.8538, 0.5078, 0.2696** is a dark color, and the websafe version is hex **FF0066**. The color can be described as middle washed rose. A complement of this color would be **74.3709, 0.2578, 0.4365**, and the grayscale version is **16.2991, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.5692, 0.4100, 0.2687**, and **11.4021, 0.5489, 0.2798** is the 20% darker color. If you saturate the color by 10%, you get **22.3553, 0.5387, 0.2770**, and if you desaturate by 10%, it is **26.5329, 0.4749, 0.2675**.

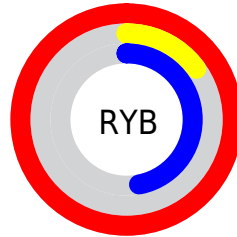
Distribution



Red (100%)

Green (15%)

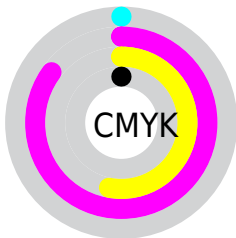
Blue (47%)



Red (100%)

Yellow (15%)

Blue (47%)

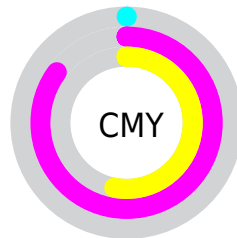


Cyan (0%)

Magenta (85%)

Yellow (53%)

Black (0%)



Cyan (0%)


Magenta (85%)

Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.8538, 0.5078, 0.2696 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 23.8538, 0.5078, 0.2696 by changing the saturation by 10% instead.


 23.8538, 0.5078,
0.2696


 23.8538, 0.5078,
0.2696


272.0805, 0.4005,
0.3050


 15.2252, 0.5373,
0.2588

 49.7915, 0.4667,
0.2839


 8.9776, 0.5763,
0.2439


 67.8694, 0.4518,
0.2888


 4.7266, 0.6297,
0.2222

 89.8659, 0.4395,
0.2928

 2.0877, 0.7048,
0.1892

 116.1653, 0.4292,
0.2961

 0.6577, 0.8589,
0.1411

 147.1521, 0.4204,
0.2989

 0.0000, 1.0000,
0.0000

183.2106, 0.4128,

 0.0000, 0.0000,

0.3012

0.0000

224.7253, 0.4062,
0.3032

■ 23.8538, 0.5078,
0.2696

■ 23.8538, 0.5078,
0.2696

■ 22.3553, 0.5387,
0.2770

■ 26.5329, 0.4749,
0.2675


■ 21.8884, 0.5539,
0.2825


■ 30.5836, 0.4426,
0.2702

■ 36.1663, 0.4128,
0.2765

■ 43.4182, 0.3866,
0.2852

■ 52.4609, 0.3643,
0.2950

 63.4048, 0.3457,
0.3052

 76.3511, 0.3303,
0.3152

 91.3938, 0.3177,
0.3248

99.8108, 0.3121,
0.3290

Harmonies

Analogous

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



23.8538, 0.3689, 0.2039



23.8538, 0.5078, 0.2696



23.8538, 0.5724, 0.3450

Triad

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



23.8538, 0.5078, 0.2696



23.8538, 0.3343, 0.5903



23.8538, 0.1137, 0.1627

Complementary

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



23.8538, 0.5078, 0.2696



74.3709, 0.2578, 0.4365

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.



23.8538, 0.1078, 0.2250



23.8538, 0.5078, 0.2696



23.8538, 0.2214, 0.5293

Square

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



23.8538, 0.5078, 0.2696



23.8538, 0.4482, 0.5251



23.8538, 0.1401, 0.3579



23.8538, 0.1538, 0.1458

Rectangle

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



23.8538, 0.5078, 0.2696



23.8538, 0.5596, 0.3999



23.8538, 0.1401, 0.3579



23.8538, 0.1081, 0.1773

Sweetspot

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



23.8552, 0.5078, 0.2696



63.5357, 0.3463, 0.3048



17.3320, 0.2399, 0.1170



12.7260, 0.3525, 0.3012



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.



23.8552, 0.5078, 0.2696



22.0844, 0.5539, 0.2825



24.8951, 0.5948, 0.3437



18.0989, 0.3235, 0.3202



11.5660, 0.5496, 0.2802



1.1464, 0.5186, 0.2631

Inverse Universe

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



23.8552, 0.5078, 0.2696



22.0844, 0.5539, 0.2825



63.5807, 0.2185, 0.2973



18.0989, 0.3235, 0.3202



11.5660, 0.5496, 0.2802



1.1464, 0.5186, 0.2631

Previews

White Background



This preview shows how the Yxy color 23.8538, 0.5078, 0.2696 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 23.8538, 0.5078, 0.2696 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 23.8538, 0.5078, 0.2696

Background



This preview shows how black text looks on a background with the Yxy color 23.8538, 0.5078, 0.2696.



This preview shows how white text looks on a background with the Yxy color 23.8538, 0.5078, 0.2696.

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

23.8538, 0.5078, 0.2696

Protanopia

24.0771, 0.2736, 0.2732

Deuteranopia

23.8726, 0.3686, 0.3618



Tritanopia

23.8511, 0.5808, 0.3292

Trichromacy



Original Color

23.8538, 0.5078, 0.2696



Protanomaly

20.0099, 0.3465, 0.2549



Deuteranomaly

20.7645, 0.4264, 0.3064



Tritanomaly

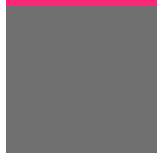
23.6572, 0.5592, 0.3090

Monochromacy



Original Color

23.8538, 0.5078, 0.2696



Achromatopsia

16.2029, 0.3127, 0.3290



Achromatomaly

15.6273, 0.3910, 0.2822

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.8538, 0.5078, 0.2696 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(254, 39, 119)` looks like.

```
.text, #text, p{  
    color:rgb(254, 39, 119)  
}
```

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(254, 39, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 39, 119) }
```

Border

The CSS property to change the border of an element to Yxy 23.8538, 0.5078, 0.2696 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(254, 39, 119) }
```

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

```
.border{ border-color:rgb(254, 39, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 39, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(254, 39, 119); -webkit-box-shadow:4px 4px 4px 4px rgb(254, 39, 119); box-shadow:4px 4px 4px 4px rgb(254, 39, 119) }
```


Background

The CSS property to change the background color of an element to Yxy 23.8538, 0.5078, 0.2696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 39, 119) }
```

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

```
.background{ background-color: rgb(254, 39,  
119) }
```

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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