

Converting Colors

Yxy(22.6234, 0.4221, 0.2449)

Have a look what the booklet for
Yxy(22.6234, 0.4221, 0.2449)
contains.

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Color

Yxy(22.5949, 0.4218, 0.2449)

Conversions

Conversions Part 1

Format	Color
Hex	E24595
RGB	226, 69, 149
RGB Percent	89%, 27%, 58%
CMY	0.1138, 0.7293, 0.4156
CMYK	0.00, 0.69, 0.34, 0.11
HSL	329°, 73%, 58%
HSV	329°, 69%, 89%
XYZ	38.9160, 22.5949, 30.7508
YIQ	125.0630, 67.8920, 58.1640

Conversions

Conversions Part 2

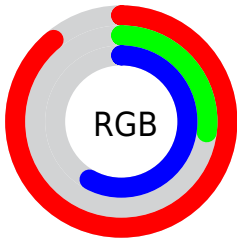
Format	Color
R _Y B	226, 69, 149
Decimal	14828949
CIE Lab	54.65, 66.74, -9.40
CIE LCh	55, 67.401, 351.980
Yxy	22.5949, 0.4218, 0.2449
Android (android.graphics.Color)	4293019029 (0xFFE24595)
YUV	125.0630, 11.8009, 88.5217
Hunter-Lab	47.5341, 62.9527, -5.0821

Details

The Yxy color **22.5949, 0.4218, 0.2449** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **57.7289, 0.2699, 0.4473**, and the grayscale version is **20.4757, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.0101, 0.3687, 0.2531**, and **8.9888, 0.4567, 0.2289** is the 20% darker color. If you saturate the color by 10%, you get **19.9872, 0.4458, 0.2412**, and if you desaturate by 10%, it is **26.2968, 0.3991, 0.2529**.

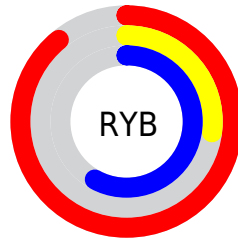
Distribution



Red (89%)

Green (27%)

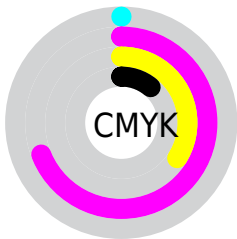
Blue (58%)



Red (89%)

Yellow (27%)

Blue (58%)

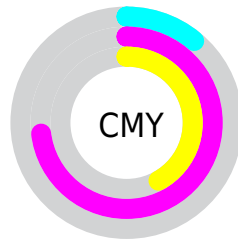


Cyan (0%)

Magenta (69%)

Yellow (34%)

Black (11%)



Cyan (11%)


Magenta (73%)


Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 22.5949, 0.4218, 0.2449 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 22.5949, 0.4218, 0.2449 by changing the saturation by 10% instead.


 22.5949, 0.4218,
0.2449


 22.5949, 0.4218,
0.2449


265.6374, 0.3624,
0.2893

 14.2947, 0.4383,
0.2331


 47.7273, 0.3990,
0.2616


 8.3259, 0.4604,
0.2176


 65.3282, 0.3908,
0.2677


 4.3042, 0.4916,
0.1964


 86.7982, 0.3841,
0.2728

 1.8451, 0.5383,
0.1661

 112.5216, 0.3784,
0.2771

 0.5151, 0.6207,
0.1113

 142.8829, 0.3735,
0.2808

 0.0000, 0.9883,
0.0000

178.2663, 0.3693,

 0.0000, 1.0000,

0.2840

0.0000

219.0564, 0.3656,
0.2869

0.0000, 0.0000,
0.0000

22.5949, 0.4218,
0.2449

22.5949, 0.4218,
0.2449

19.9872, 0.4458,
0.2412

26.2968, 0.3991,
0.2529

18.3417, 0.4700,
0.2428

31.1977, 0.3786,
0.2638

17.4495, 0.4933,
0.2494

37.3941, 0.3606,
0.2766


17.4092, 0.4946,
0.2498


44.9716, 0.3452,
0.2902

54.0084, 0.3321,
0.3038

 64.5767, 0.3213,
0.3171

 76.7442, 0.3123,
0.3297

 90.5741, 0.3048,
0.3414

 94.5115, 0.2986,
0.3352

Harmonies

Analogous

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



22.5949, 0.2981, 0.1937



22.5949, 0.4218, 0.2449



22.5949, 0.5189, 0.3118

Triad

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



22.5949, 0.4218, 0.2449



22.5949, 0.3945, 0.5379



22.5949, 0.1266, 0.2068

Complementary

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



22.5949, 0.4218, 0.2449



57.7289, 0.2699, 0.4473

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.



22.5949, 0.1407, 0.2948



22.5949, 0.4218, 0.2449



22.5949, 0.2897, 0.5415

Square

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



22.5949, 0.4218, 0.2449



22.5949, 0.4861, 0.4669



22.5949, 0.1960, 0.4332



22.5949, 0.1465, 0.1694

Rectangle

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



22.5949, 0.4218, 0.2449



22.5949, 0.5413, 0.3606



22.5949, 0.1960, 0.4332



22.5949, 0.1273, 0.2296

Sweetspot

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



22.5961, 0.4218, 0.2449



68.8861, 0.3342, 0.3016



15.7583, 0.2355, 0.1349



14.0149, 0.3377, 0.2978



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.



22.5961, 0.4218, 0.2449



25.2547, 0.4558, 0.2412



20.8887, 0.5430, 0.3274



13.8166, 0.3213, 0.3171



9.9569, 0.4911, 0.2479



0.7082, 0.4578, 0.2296

Inverse Universe

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



22.5961, 0.4218, 0.2449



25.2547, 0.4558, 0.2412



61.0018, 0.2343, 0.3322



13.8166, 0.3213, 0.3171



9.9569, 0.4911, 0.2479



0.7082, 0.4578, 0.2296

Previews

White Background



This preview shows how the Yxy color 22.5949, 0.4218, 0.2449 looks on a white background.

Color Contrast Check

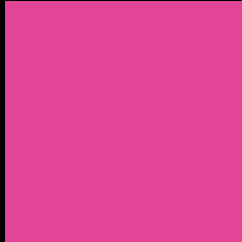
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.5949, 0.4218, 0.2449 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

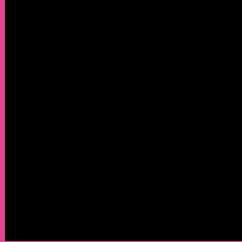
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.5949, 0.4218, 0.2449

Background



This preview shows how black text looks on a background with the Yxy color 22.5949, 0.4218, 0.2449.



This preview shows how white text looks on a background with the Yxy color 22.5949, 0.4218, 0.2449.

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

22.5949, 0.4218, 0.2449

Protanopia

22.8630, 0.2417, 0.2320

Deuteranopia

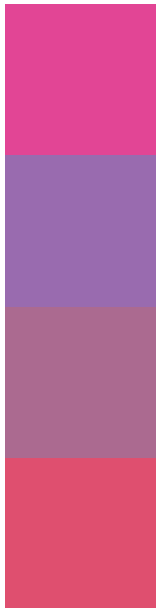
22.6773, 0.3127, 0.3054



Tritanopia

22.5915, 0.5039, 0.3244

Trichromacy



Original Color

22.5949, 0.4218, 0.2449

Protanomaly

20.3828, 0.2916, 0.2274

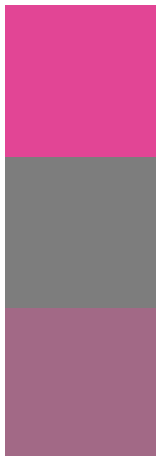
Deuteranomaly

20.9796, 0.3505, 0.2726

Tritanomaly

22.4276, 0.4750, 0.2951

Monochromacy



Original Color

22.5949, 0.4218, 0.2449

Achromatopsia

20.5079, 0.3127, 0.3290

Achromatomaly

19.5058, 0.3525, 0.2835

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.5949, 0.4218, 0.2449 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(226, 69, 149)` looks like.

```
.text, #text, p{  
    color:rgb(226, 69, 149)  
}
```

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(226, 69, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 69, 149) }
```

Border

The CSS property to change the border of an element to Yxy 22.5949, 0.4218, 0.2449 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(226, 69, 149) }
```

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

```
.border{ border-color:rgb(226, 69, 149) }
```

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

Here you see how a box with a 4 pixel rgb(226, 69, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 69, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 69, 149);  
box-shadow:4px 4px 4px 4px rgb(226, 69,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 22.5949, 0.4218, 0.2449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 69, 149) }
```

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

```
.background{ background-color: rgb(226, 69,  
149) }
```

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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