

Converting Colors

$Y_{xy}(23.2868, 0.4144, 0.2445)$

Have a look what the booklet for
Yxy(23.2868, 0.4144, 0.2445)
contains.

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Color

Yxy(23.3662, 0.4143, 0.2447)

Conversions

Conversions Part 1

Format	Color
Hex	E24A99
RGB	226, 74, 153
RGB Percent	89%, 29%, 60%
CMY	0.1137, 0.7097, 0.4000
CMYK	0.00, 0.67, 0.32, 0.11
HSL	329°, 72%, 59%
HSV	329°, 67%, 89%
XYZ	39.5612, 23.3662, 32.5618
YIQ	128.4540, 65.2330, 56.7930

Conversions

Conversions Part 2

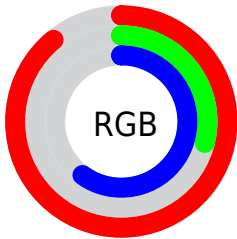
Format	Color
R _Y B	226, 74, 153
Decimal	14830233
CIE Lab	55.45, 65.36, -10.56
CIE LCh	55, 66.203, 350.821
Yxy	23.3662, 0.4143, 0.2447
Android (android.graphics.Color)	4293020313 (0xFFE24A99)
YUV	128.4540, 12.1012, 85.5478
Hunter-Lab	48.3386, 61.4950, -6.1019

Details

The Yxy color **23.3662, 0.4143, 0.2447** 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 **57.9530, 0.2711, 0.4452**, and the grayscale version is **21.6948, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.2675, 0.3638, 0.2531**, and **9.0663, 0.4469, 0.2236** is the 20% darker color. If you saturate the color by 10%, you get **20.5294, 0.4375, 0.2398**, and if you desaturate by 10%, it is **27.3214, 0.3926, 0.2537**.

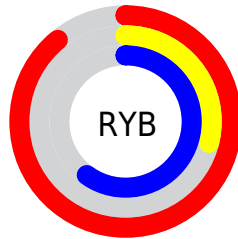
Distribution



Red (89%)

Green (29%)

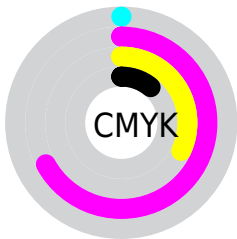
Blue (60%)



Red (89%)

Yellow (29%)

Blue (60%)

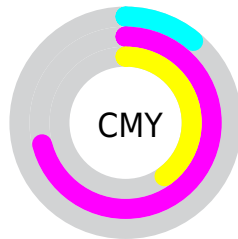


Cyan (0%)

Magenta (67%)

Yellow (32%)

Black (11%)



Cyan (11%)


Magenta (71%)

Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.3662, 0.4143, 0.2447 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 23.3662, 0.4143, 0.2447 by changing the saturation by 10% instead.


 23.3662, 0.4143,
0.2447


 23.3662, 0.4143,
0.2447

269.6003, 0.3594,
0.2889


 14.8641, 0.4294,
0.2331


 48.9939, 0.3934,
0.2612


 8.7241, 0.4495,
0.2179


 66.8884, 0.3858,
0.2673


 4.5617, 0.4778,
0.1973


 88.6824, 0.3795,
0.2723

 1.9924, 0.5200,
0.1680

 114.7605, 0.3742,
0.2766

 0.6031, 0.5913,
0.1193

 145.5069, 0.3697,
0.2803

 0.0000, 0.8582,
0.0000

181.3061, 0.3658,

 0.0000, 1.0000,

0.2836

0.0000

222.5424, 0.3624,
0.2864

0.0000, 0.0000,
0.0000

23.3662, 0.4143,
0.2447

23.3662, 0.4143,
0.2447

20.5294, 0.4375,
0.2398

27.3214, 0.3926,
0.2537

18.6842, 0.4611,
0.2399

32.4964, 0.3731,
0.2654


17.6695, 0.4840,
0.2454

38.9852, 0.3561,
0.2786


17.4628, 0.4902,
0.2474


46.8717, 0.3415,
0.2925

56.2324, 0.3293,
0.3064

 67.1385, 0.3190,
0.3198

 79.6566, 0.3105,
0.3324

 93.8491, 0.3035,
0.3442

 94.6333, 0.2975,
0.3333

Harmonies

Analogous

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



23.3662, 0.2944, 0.1951



23.3662, 0.4143, 0.2447



23.3662, 0.5108, 0.3103

Triad

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



23.3662, 0.4143, 0.2447



23.3662, 0.3977, 0.5311



23.3662, 0.1303, 0.2124

Complementary

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



23.3662, 0.4143, 0.2447



57.9530, 0.2711, 0.4452

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.



23.3662, 0.1459, 0.3008



23.3662, 0.4143, 0.2447



23.3662, 0.2951, 0.5365

Square

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



23.3662, 0.4143, 0.2447



23.3662, 0.4859, 0.4620



23.3662, 0.2023, 0.4354



23.3662, 0.1486, 0.1736

Rectangle

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



23.3662, 0.4143, 0.2447



23.3662, 0.5352, 0.3583



23.3662, 0.2023, 0.4354



23.3662, 0.1315, 0.2356

Sweetspot

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



23.3674, 0.4143, 0.2447



70.1873, 0.3326, 0.3024



16.4046, 0.2362, 0.1391



14.2693, 0.3360, 0.2985



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.



23.3674, 0.4143, 0.2447



25.8043, 0.4476, 0.2392



21.6332, 0.5290, 0.3249



13.8189, 0.3211, 0.3169



9.9873, 0.4869, 0.2456



0.7103, 0.4543, 0.2277

Inverse Universe

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



23.3674, 0.4143, 0.2447



25.8043, 0.4476, 0.2392



61.0627, 0.2366, 0.3355



13.8189, 0.3211, 0.3169



9.9873, 0.4869, 0.2456



0.7103, 0.4543, 0.2277

Previews

White Background



This preview shows how the Yxy color 23.3662, 0.4143, 0.2447 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 23.3662, 0.4143, 0.2447 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

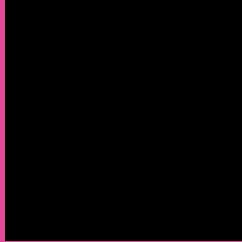
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.3662, 0.4143, 0.2447

Background



This preview shows how black text looks on a background with the Yxy color 23.3662, 0.4143, 0.2447.



This preview shows how white text looks on a background with the Yxy color 23.3662, 0.4143, 0.2447.

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

23.3662, 0.4143, 0.2447

Protanopia

23.6158, 0.2425, 0.2331

Deuteranopia

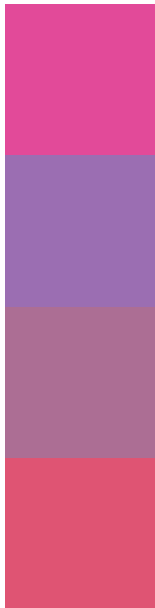
23.6723, 0.3093, 0.3041



Tritanopia

23.3251, 0.4921, 0.3241

Trichromacy



Original Color

23.3662, 0.4143, 0.2447

Protanomaly

21.3348, 0.2909, 0.2287

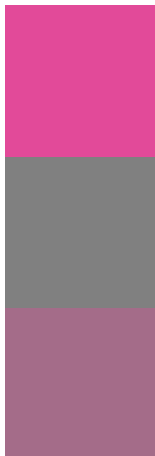
Deuteranomaly

22.0606, 0.3457, 0.2730

Tritanomaly

23.2664, 0.4660, 0.2955

Monochromacy



Original Color

23.3662, 0.4143, 0.2447

Achromatopsia

21.5861, 0.3127, 0.3290

Achromatomaly

20.4238, 0.3504, 0.2841

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.3662, 0.4143, 0.2447 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, 74, 153)` looks like.

```
.text, #text, p{  
    color:rgb(226, 74, 153)  
}
```

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, 74, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 74, 153) }
```

Border

The CSS property to change the border of an element to Yxy 23.3662, 0.4143, 0.2447 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, 74, 153) }
```

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

```
.border{ border-color:rgb(226, 74, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 74, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 74, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 74, 153);  
box-shadow:4px 4px 4px 4px rgb(226, 74,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 23.3662, 0.4143, 0.2447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 74, 153) }
```

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

```
.background{ background-color: rgb(226, 74,  
153) }
```

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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