

Converting Colors

$Y_{xy}(22.0799, 0.4095, 0.2379)$

Have a look what the booklet for
Yxy(22.0799, 0.4095, 0.2379)
contains.

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Color

Yxy(22.1189, 0.4093, 0.2377)

Conversions

Conversions Part 1

Format	Color
Hex	DE459A
RGB	222, 69, 154
RGB Percent	87%, 27%, 60%
CMY	0.1294, 0.7294, 0.3959
CMYK	0.00, 0.69, 0.31, 0.13
HSL	327°, 70%, 57%
HSV	327°, 69%, 87%
XYZ	38.0869, 22.1189, 32.8480
YIQ	124.4370, 63.9030, 58.8710

Conversions

Conversions Part 2

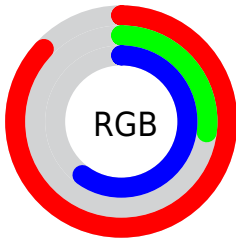
Format	Color
R_{YB}	222, 69, 154
Decimal	14566810
CIE _{Lab}	54.15, 66.24, -13.18
CIE _{LCh}	54, 67.539, 348.744
Yxy	22.1189, 0.4093, 0.2377
Android (android.graphics.Color)	4292756890 (0xFFDE459A)
YUV	124.4370, 14.5746, 85.5628
Hunter-Lab	47.0307, 62.2510, -8.4888

Details

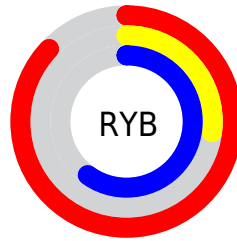
The Yxy color **22.1189, 0.4093, 0.2377** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **55.3125, 0.2735, 0.4572**, and the grayscale version is **20.2448, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.2524, 0.3634, 0.2484**, and **8.6607, 0.4381, 0.2187** is the 20% darker color. If you saturate the color by 10%, you get **19.5655, 0.4304, 0.2327**, and if you desaturate by 10%, it is **25.7226, 0.3894, 0.2469**.

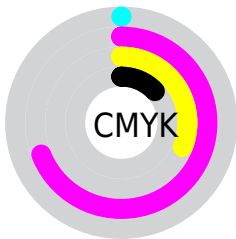
Distribution



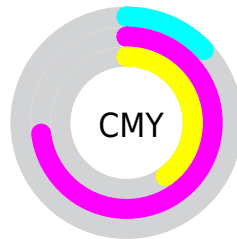
- Red (87%)
- Green (27%)
- Blue (60%)



- Red (87%)
- Yellow (27%)
- Blue (60%)



- Cyan (0%)
- Magenta (69%)
- Yellow (31%)
- Black (13%)





- Cyan (13%)
- Magenta (73%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 22.1189, 0.4093, 0.2377 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 22.1189, 0.4093, 0.2377 by changing the saturation by 10% instead.


 22.1189, 0.4093,
0.2377


 22.1189, 0.4093,
0.2377


263.1666, 0.3571,
0.2854

 13.9443, 0.4236,
0.2252


 46.9424, 0.3894,
0.2555


 8.0819, 0.4428,
0.2089


 64.3601, 0.3822,
0.2620


 4.1474, 0.4697,
0.1869


 85.6277, 0.3762,
0.2675

 1.7564, 0.5098,
0.1559

 111.1294, 0.3712,
0.2722

 0.4598, 0.5822,
0.0981

 141.2498, 0.3669,
0.2762

 0.0000, 0.8235,
0.0000

176.3732, 0.3632,

 0.0000, 0.0000,

0.2797

0.0000

216.8840, 0.3600,
0.2827

■ 22.1189, 0.4093,
0.2377

■ 22.1189, 0.4093,
0.2377

■ 19.5655, 0.4304,
0.2327

■ 25.7226, 0.3894,
0.2469

■ 17.9377, 0.4517,
0.2329

■ 30.4760, 0.3713,
0.2590


■ 17.0482, 0.4724,
0.2381

■ 36.4704, 0.3553,
0.2729


■ 16.9690, 0.4746,
0.2388


■ 43.7871, 0.3416,
0.2876

■ 52.5005, 0.3299,
0.3024

 62.6793, 0.3201,
0.3168

 74.3878, 0.3119,
0.3304

 87.6861, 0.3051,
0.3432

 93.5078, 0.2995,
0.3414

Harmonies

Analogous

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



22.1189, 0.2855, 0.1886



22.1189, 0.4093, 0.2377



22.1189, 0.5134, 0.3038

Triad

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



22.1189, 0.4093, 0.2377



22.1189, 0.4056, 0.5336



22.1189, 0.1252, 0.2125

Complementary

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



22.1189, 0.4093, 0.2377



55.3125, 0.2735, 0.4572

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.



22.1189, 0.1433, 0.3075



22.1189, 0.4093, 0.2377



22.1189, 0.3005, 0.5488

Square

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



22.1189, 0.4093, 0.2377



22.1189, 0.4953, 0.4585



22.1189, 0.2036, 0.4499



22.1189, 0.1417, 0.1704

Rectangle

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



22.1189, 0.4093, 0.2377



22.1189, 0.5421, 0.3523



22.1189, 0.2036, 0.4499



22.1189, 0.1271, 0.2375

Sweetspot

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



22.1201, 0.4093, 0.2377



69.0249, 0.3323, 0.2991



14.7062, 0.2291, 0.1329



14.0479, 0.3355, 0.2950



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.



22.1201, 0.4093, 0.2377



25.5858, 0.4405, 0.2321



20.3533, 0.5293, 0.3200



13.8274, 0.3206, 0.3160



10.1021, 0.4717, 0.2372



0.7182, 0.4421, 0.2209

Inverse Universe

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



22.1201, 0.4093, 0.2377



25.5858, 0.4405, 0.2321



58.2506, 0.2379, 0.3427



13.8274, 0.3206, 0.3160



10.1021, 0.4717, 0.2372



0.7182, 0.4421, 0.2209

Previews

White Background



This preview shows how the Yxy color 22.1189, 0.4093, 0.2377 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 22.1189, 0.4093, 0.2377 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

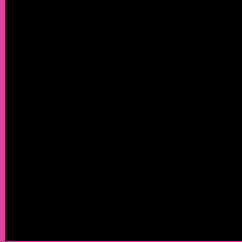
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.1189, 0.4093, 0.2377

Background



This preview shows how black text looks on a background with the Yxy color 22.1189, 0.4093, 0.2377.



This preview shows how white text looks on a background with the Yxy color 22.1189, 0.4093, 0.2377.

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

22.1189, 0.4093, 0.2377

Protanopia

22.5497, 0.2337, 0.2219

Deuteranopia

22.4050, 0.3016, 0.2968



Tritanopia

22.1626, 0.4947, 0.3241

Trichromacy



Original Color

22.1189, 0.4093, 0.2377

Protanomaly

20.2411, 0.2810, 0.2189

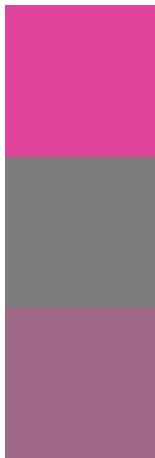
Deuteranomaly

20.6935, 0.3389, 0.2645

Tritanomaly

22.0123, 0.4655, 0.2918

Monochromacy



Original Color

22.1189, 0.4093, 0.2377

Achromatopsia

20.1556, 0.3127, 0.3290

Achromatomaly

19.1235, 0.3488, 0.2800

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.1189, 0.4093, 0.2377 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(222, 69, 154)` looks like.

```
.text, #text, p{  
    color:rgb(222, 69, 154)  
}
```

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(222, 69, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 69, 154) }
```

Border

The CSS property to change the border of an element to Yxy 22.1189, 0.4093, 0.2377 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(222, 69, 154) }
```

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

```
.border{ border-color:rgb(222, 69, 154) }
```

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

Here you see how a box with a 4 pixel rgb(222, 69, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 69, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 69, 154);  
box-shadow:4px 4px 4px 4px rgb(222, 69,  
154) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 22.1189, 0.4093, 0.2377$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 69, 154) }
```

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

```
.background{ background-color: rgb(222, 69,  
154) }
```

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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