

Converting Colors

$Y_{xy}(21.7270, 0.4237, 0.2372)$

Have a look what the booklet for
Yxy(21.7270, 0.4237, 0.2372)
contains.

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Color

Yxy(21.6608, 0.4239, 0.2370)

Conversions

Conversions Part 1

Format	Color
Hex	E33B96
RGB	227, 59, 150
RGB Percent	89%, 23%, 59%
CMY	0.1099, 0.7685, 0.4118
CMYK	0.00, 0.74, 0.34, 0.11
HSL	328°, 75%, 56%
HSV	328°, 74%, 89%
XYZ	38.7427, 21.6608, 30.9923
YIQ	119.6060, 70.9170, 63.9170

Conversions

Conversions Part 2

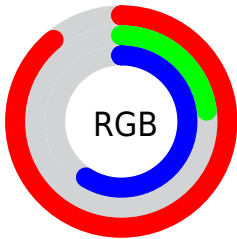
Format	Color
R_{YB}	227, 59, 150
Decimal	14891926
CIE _{Lab}	53.67, 70.45, -11.45
CIE _{LCh}	54, 71.370, 350.769
Yxy	21.6608, 0.4239, 0.2370
Android (android.graphics.Color)	4293082006 (0xFFE33B96)
YUV	119.6060, 14.9842, 94.1845
Hunter-Lab	46.5412, 67.1433, -6.9031

Details

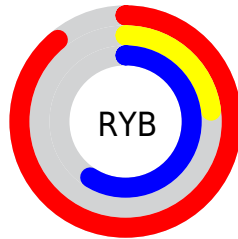
The Yxy color **21.6608, 0.4239, 0.2370** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle washed rose. A complement of this color would be **57.6366, 0.2719, 0.4648**, and the grayscale version is **18.5907, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.0526, 0.3691, 0.2449**, and **9.1163, 0.4557, 0.2284** is the 20% darker color. If you saturate the color by 10%, you get **19.4919, 0.4461, 0.2349**, and if you desaturate by 10%, it is **24.8755, 0.4024, 0.2439**.

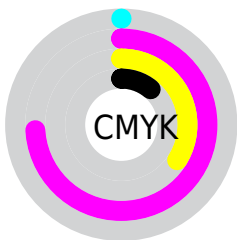
Distribution



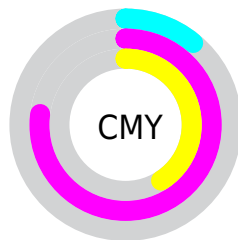
- Red (89%)
- Green (23%)
- Blue (59%)



- Red (89%)
- Yellow (23%)
- Blue (59%)



- Cyan (0%)
- Magenta (74%)
- Yellow (34%)
- Black (11%)




- Cyan (11%)
- Magenta (77%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 21.6608, 0.4239, 0.2370 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 21.6608, 0.4239, 0.2370 by changing the saturation by 10% instead.


 21.6608, 0.4239,
0.2370


 21.6608, 0.4239,
0.2370


260.7697, 0.3634,
0.2854


 13.6079, 0.4406,
0.2242


 46.1847, 0.4007,
0.2551


 7.8484, 0.4631,
0.2076


 63.4245, 0.3924,
0.2618


 3.9981, 0.4948,
0.1849


 84.4954, 0.3855,
0.2673

 1.6725, 0.5420,
0.1529

 109.7817, 0.3796,
0.2720

 0.4058, 0.6292,
0.0898

 139.6680, 0.3747,
0.2761

 0.0000, 0.9668,
0.0000

174.5384, 0.3704,

 0.0000, 1.0000,

0.2796

0.0000

214.7776, 0.3667,
0.2827

■ 0.0000, 0.0000,
0.0000

■ 21.6608, 0.4239,
0.2370

■ 21.6608, 0.4239,
0.2370

■ 19.4919, 0.4461,
0.2349

■ 24.8755, 0.4024,
0.2439

■ 18.2223, 0.4680,
0.2382


■ 29.2499, 0.3826,
0.2543

■ 17.7560, 0.4809,
0.2423


■ 34.8868, 0.3648,
0.2672


■ 41.8766, 0.3494,
0.2813

■ 50.3014, 0.3363,
0.2958

 60.2366, 0.3252,
0.3101

 71.7524, 0.3159,
0.3238

 84.9145, 0.3083,
0.3367

 94.3575, 0.3020,
0.3404

Harmonies

Analogous

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



21.6608, 0.2915, 0.1847



21.6608, 0.4239, 0.2370



21.6608, 0.5306, 0.3057

Triad

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



21.6608, 0.4239, 0.2370



21.6608, 0.3998, 0.5478



21.6608, 0.1172, 0.2011

Complementary

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



21.6608, 0.4239, 0.2370



57.6366, 0.2719, 0.4648

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.



21.6608, 0.1323, 0.2959



21.6608, 0.4239, 0.2370



21.6608, 0.2898, 0.5615

Square

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



21.6608, 0.4239, 0.2370



21.6608, 0.4968, 0.4672



21.6608, 0.1909, 0.4479



21.6608, 0.1366, 0.1615

Rectangle

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



21.6608, 0.4239, 0.2370



21.6608, 0.5555, 0.3557



21.6608, 0.1909, 0.4479



21.6608, 0.1181, 0.2254

Sweetspot

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



21.6620, 0.4239, 0.2370



67.7339, 0.3341, 0.2984



13.7963, 0.2241, 0.1219



13.7950, 0.3373, 0.2945



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.



21.6620, 0.4239, 0.2370



24.3262, 0.4585, 0.2361



19.8706, 0.5567, 0.3229



14.4979, 0.3208, 0.3163



10.3813, 0.4779, 0.2406



0.7858, 0.4487, 0.2245

Inverse Universe

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



21.6620, 0.4239, 0.2370



24.3262, 0.4585, 0.2361



60.9509, 0.2343, 0.3401



14.4979, 0.3208, 0.3163



10.3813, 0.4779, 0.2406



0.7858, 0.4487, 0.2245

Previews

White Background



This preview shows how the Yxy color 21.6608, 0.4239, 0.2370 looks on a white background.

Color Contrast Check

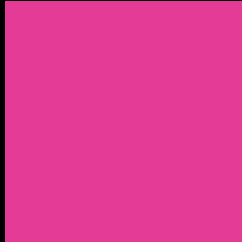
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.6608, 0.4239, 0.2370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

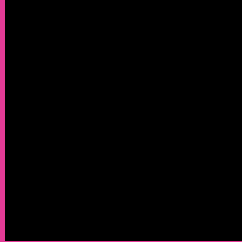
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.6608, 0.4239, 0.2370

Background



This preview shows how black text looks on a background with the Yxy color 21.6608, 0.4239, 0.2370.



This preview shows how white text looks on a background with the Yxy color 21.6608, 0.4239, 0.2370.

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

21.6608, 0.4239, 0.2370

Protanopia

22.1530, 0.2305, 0.2185

Deuteranopia

21.7412, 0.3070, 0.3015



Tritanopia

21.6029, 0.5170, 0.3246

Trichromacy



Original Color

21.6608, 0.4239, 0.2370



Protanomaly

19.1876, 0.2817, 0.2129



Deuteranomaly

19.6458, 0.3477, 0.2644



Tritanomaly

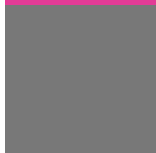
21.4153, 0.4868, 0.2924

Monochromacy



Original Color

21.6608, 0.4239, 0.2370



Achromatopsia

18.7821, 0.3127, 0.3290



Achromatomaly

17.7450, 0.3545, 0.2764

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.6608, 0.4239, 0.2370 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(227, 59, 150)` looks like.

```
.text, #text, p{  
    color:rgb(227, 59, 150)  
}
```

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(227, 59, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 59, 150) }
```

Border

The CSS property to change the border of an element to Yxy 21.6608, 0.4239, 0.2370 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(227, 59, 150) }
```

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

```
.border{ border-color:rgb(227, 59, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 59, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 59, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 59, 150);  
box-shadow:4px 4px 4px 4px rgb(227, 59,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 21.6608, 0.4239, 0.2370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 59, 150) }
```

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

```
.background{ background-color: rgb(227, 59,  
150) }
```

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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