

Converting Colors

$Yxy(21.2909, 0.3870, 0.2447)$

Have a look what the booklet for
Yxy(21.2909, 0.3870, 0.2447)
contains.

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Color

Yxy(21.2909, 0.3870, 0.2447)

Conversions

Conversions Part 1

Format	Color
Hex	CC5398
RGB	204, 83, 152
RGB Percent	80%, 33%, 60%
CMY	0.1998, 0.6747, 0.4039
CMYK	0.00, 0.59, 0.26, 0.20
HSL	326°, 54%, 56%
HSV	326°, 59%, 80%
XYZ	33.6722, 21.2909, 32.0451
YIQ	127.0450, 49.9670, 47.1110

Conversions

Conversions Part 2

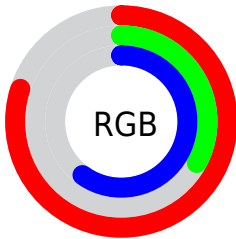
Format	Color
R_{YB}	204, 83, 152
Decimal	13390744
CIE _{Lab}	53.27, 55.23, -13.61
CIE _{LCh}	53, 56.882, 346.157
Yxy	21.2909, 0.3870, 0.2447
Android (android.graphics.Color)	4291580824 (0xFFCC5398)
YUV	127.0450, 12.3028, 67.4895
Hunter-Lab	46.1421, 49.5117, -8.8768

Details

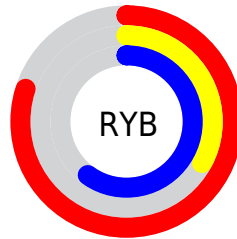
The Yxy color **21.2909, 0.3870, 0.2447** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **46.7932, 0.2768, 0.4384**, and the grayscale version is **21.1809, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.8932, 0.3637, 0.2597**, and **7.6244, 0.4124, 0.2170** is the 20% darker color. If you saturate the color by 10%, you get **18.3406, 0.4060, 0.2353**, and if you desaturate by 10%, it is **25.1830, 0.3697, 0.2571**.

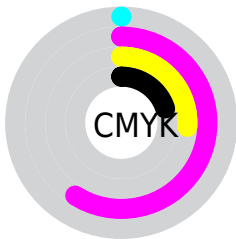
Distribution



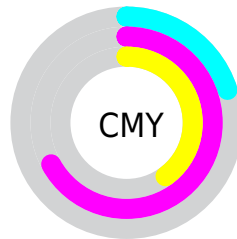
- Red (80%)
- Green (33%)
- Blue (60%)



- Red (80%)
- Yellow (33%)
- Blue (60%)



- Cyan (0%)
- Magenta (59%)
- Yellow (26%)
- Black (20%)




- Cyan (20%)
- Magenta (67%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 21.2909, 0.3870, 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 21.2909, 0.3870, 0.2447 by changing the saturation by 10% instead.

 21.2909, 0.3870,
0.2447


 21.2909, 0.3870,
0.2447


258.8204, 0.3467,
0.2892


 13.3368, 0.3982,
0.2329


 45.5712, 0.3716,
0.2614

 7.6609, 0.4132,
0.2173


 62.6661, 0.3660,
0.2675

 3.8787, 0.4345,
0.1959


 83.5769, 0.3614,
0.2726

 1.6060, 0.4667,
0.1652

 108.6877, 0.3575,
0.2770

 0.3616, 0.5333,
0.0959

138.3831, 0.3542,
0.2807

 0.0000, 0.8206,
0.0000

173.0474, 0.3514,

 0.0000, 0.0000,

0.2839

0.0000

213.0651, 0.3489,
0.2867

■ 21.2909, 0.3870,
0.2447

■ 21.2909, 0.3870,
0.2447

■ 18.3406, 0.4060,
0.2353

■ 25.1830, 0.3697,
0.2571

■ 16.2450, 0.4261,
0.2301

■ 30.0873, 0.3543,
0.2712

■ 14.9067, 0.4464,
0.2299

■ 36.0710, 0.3410,
0.2862

■ 14.1557, 0.4662,
0.2346

■ 43.1947, 0.3297,
0.3013

■ 14.1129, 0.4675,
0.2349

■ 51.5146, 0.3202,
0.3159

■ 61.0829, 0.3122,
0.3299

■ 71.9488, 0.3056,
0.3430

■ 84.1589, 0.3001,
0.3551

■ 90.1291, 0.2954,
0.3546

Harmonies

Analogous

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



21.2909, 0.2820, 0.2016



21.2909, 0.3870, 0.2447



21.2909, 0.4791, 0.3045

Triad

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



21.2909, 0.3870, 0.2447



21.2909, 0.4075, 0.5048



21.2909, 0.1459, 0.2346

Complementary

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



21.2909, 0.3870, 0.2447



46.7932, 0.2768, 0.4384

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.



21.2909, 0.1672, 0.3226



21.2909, 0.3870, 0.2447



21.2909, 0.3148, 0.5161

Square

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



21.2909, 0.3870, 0.2447



21.2909, 0.4817, 0.4433



21.2909, 0.2265, 0.4402



21.2909, 0.1579, 0.1911

Rectangle

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



21.2909, 0.3870, 0.2447



21.2909, 0.5097, 0.3491



21.2909, 0.2265, 0.4402



21.2909, 0.1490, 0.2587

Sweetspot

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



21.2920, 0.3870, 0.2447



72.9241, 0.3286, 0.3029



15.5631, 0.2417, 0.1585



14.8078, 0.3317, 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.



21.2920, 0.3870, 0.2447



29.3330, 0.4111, 0.2335



19.8159, 0.4804, 0.3175



11.3191, 0.3202, 0.3159



8.8975, 0.4649, 0.2335



0.4740, 0.4293, 0.2139

Inverse Universe

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



21.2920, 0.3870, 0.2447



29.3330, 0.4111, 0.2335



48.9370, 0.2450, 0.3435



11.3191, 0.3202, 0.3159



8.8975, 0.4649, 0.2335



0.4740, 0.4293, 0.2139

Previews

White Background



This preview shows how the Yxy color 21.2909, 0.3870, 0.2447 looks on a white background.

Color Contrast Check

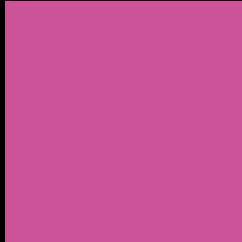
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.2909, 0.3870, 0.2447 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

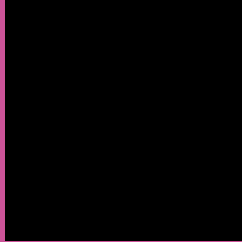
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.2909, 0.3870, 0.2447

Background



This preview shows how black text looks on a background with the Yxy color 21.2909, 0.3870, 0.2447.



This preview shows how white text looks on a background with the Yxy color 21.2909, 0.3870, 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

21.2909, 0.3870, 0.2447

Protanopia

21.6556, 0.2442, 0.2357

Deuteranopia

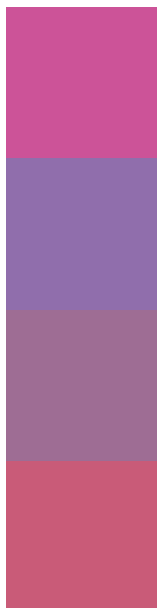
21.3962, 0.2982, 0.2912



Tritanopia

21.4034, 0.4550, 0.3218

Trichromacy



Original Color

21.2909, 0.3870, 0.2447

Protanomaly

20.0597, 0.2845, 0.2327

Deuteranomaly

20.3445, 0.3283, 0.2681

Tritanomaly

21.2557, 0.4294, 0.2924

Monochromacy



Original Color

21.2909, 0.3870, 0.2447

Achromatopsia

21.2231, 0.3127, 0.3290

Achromatomaly

20.1150, 0.3393, 0.2886

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.2909, 0.3870, 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(204, 83, 152)` looks like.

```
.text, #text, p{  
    color:rgb(204, 83, 152)  
}
```

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(204, 83, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 83, 152) }
```

Border

The CSS property to change the border of an element to Yxy 21.2909, 0.3870, 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(204, 83, 152) }
```

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

```
.border{ border-color:rgb(204, 83, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 83, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 83, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 83, 152);  
box-shadow:4px 4px 4px 4px rgb(204, 83,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 21.2909, 0.3870, 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(204, 83, 152) }
```

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

```
.background{ background-color: rgb(204, 83,  
152) }
```

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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