

Converting Colors

$Y_{xy}(22.2542, 0.3925, 0.2829)$

Have a look what the booklet for
Yxy(22.2542, 0.3925, 0.2829)
contains.

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Color

Yxy(22.3941, 0.3925, 0.2834)

Conversions

Conversions Part 1

Format	Color
Hex	C16587
RGB	193, 101, 135
RGB Percent	76%, 40%, 53%
CMY	0.2432, 0.6038, 0.4706
CMYK	0.00, 0.48, 0.30, 0.24
HSL	338°, 43%, 58%
HSV	338°, 48%, 76%
XYZ	31.0151, 22.3941, 25.6102
YIQ	132.3840, 43.9180, 30.0780

Conversions

Conversions Part 2

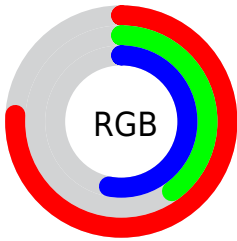
Format	Color
RYB	193, 101, 135
Decimal	12674439
CIELab	54.44, 40.60, -2.00
CIElCh	54, 40.647, 357.174
Yxy	22.3941, 0.3925, 0.2834
Android (android.graphics.Color)	4290864519 (0xFFC16587)
YUV	132.3840, 1.2897, 53.1602
Hunter-Lab	47.3224, 34.1747, 1.0388

Details

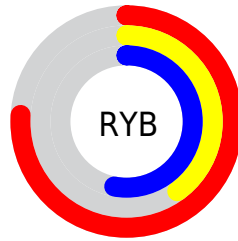
The Yxy color **22.3941, 0.3925, 0.2834** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **43.4012, 0.2701, 0.3819**, and the grayscale version is **23.2053, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.4375, 0.3758, 0.2933**, and **8.2554, 0.4245, 0.2676** is the 20% darker color. If you saturate the color by 10%, you get **18.7533, 0.4192, 0.2754**, and if you desaturate by 10%, it is **26.9560, 0.3696, 0.2928**.

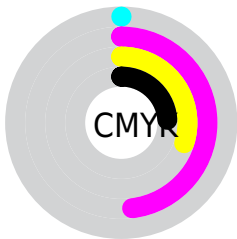
Distribution



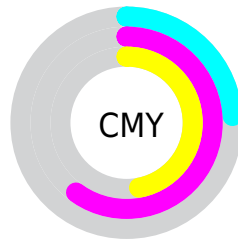
- Red (76%)
- Green (40%)
- Blue (53%)



- Red (76%)
- Yellow (40%)
- Blue (53%)



- Cyan (0%)
- Magenta (48%)
- Yellow (30%)
- Black (24%)



- Cyan (24%)
- Magenta (60%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.3941, 0.3925, 0.2834 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 22.3941, 0.3925, 0.2834 by changing the saturation by 10% instead.


 22.3941, 0.3925,
0.2834


 22.3941, 0.3925,
0.2834


264.5975, 0.3481,
0.3086


 14.1468, 0.4054,
0.2762


 47.3965, 0.3751,
0.2932


 8.2228, 0.4231,
0.2664


 64.9204, 0.3690,
0.2967

 4.2379, 0.4490,
0.2521

 86.3052, 0.3639,
0.2995

 1.8075, 0.4903,
0.2298

 111.9353, 0.3597,
0.3019

 0.4918, 0.5814,
0.1764

142.1953, 0.3561,
0.3040

 0.0000, 1.0000,
0.0000

177.4693, 0.3531,

 0.0000, 0.0000,

0.3057

0.0000

218.1420, 0.3504,
0.3073

■ 22.3941, 0.3925,
0.2834

■ 22.3941, 0.3925,
0.2834

■ 18.7533, 0.4192,
0.2754

■ 26.9560, 0.3696,
0.2928

■ 15.9666, 0.4492,
0.2698

■ 32.4935, 0.3503,
0.3027

■ 13.9629, 0.4815,
0.2680


■ 39.0606, 0.3343,
0.3126


■ 12.6581, 0.5138,
0.2710

■ 46.7064, 0.3211,
0.3221


■ 11.9297, 0.5440,
0.2788


■ 55.4768, 0.3104,
0.3310

 11.7936, 0.5508,
0.2808

 65.4150, 0.3016,
0.3393

 76.5621, 0.2943,
0.3469

 88.6998, 0.2883,
0.3534

 89.4167, 0.2820,
0.3401

Harmonies

Analogous

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



22.3941, 0.3189, 0.2437



22.3941, 0.3925, 0.2834



22.3941, 0.4449, 0.3340

Triad

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



22.3941, 0.3925, 0.2834



22.3941, 0.3635, 0.4622



22.3941, 0.1873, 0.2470

Complementary

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



22.3941, 0.3925, 0.2834



43.4012, 0.2701, 0.3819

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.



22.3941, 0.1958, 0.3014



22.3941, 0.3925, 0.2834



22.3941, 0.2938, 0.4422

Square

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



22.3941, 0.3925, 0.2834



22.3941, 0.4232, 0.4366



22.3941, 0.2328, 0.3768



22.3941, 0.2062, 0.2213

Rectangle

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



22.3941, 0.3925, 0.2834



22.3941, 0.4568, 0.3701



22.3941, 0.2328, 0.3768



22.3941, 0.1870, 0.2620

Sweetspot

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



22.3952, 0.3925, 0.2834



74.4553, 0.3295, 0.3159



20.4021, 0.2788, 0.2008



15.3583, 0.3325, 0.3138



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



22.3952, 0.3925, 0.2834



33.4579, 0.4199, 0.2752



23.8075, 0.4348, 0.3439



10.1381, 0.3232, 0.3205



7.8603, 0.5475, 0.2789



0.3530, 0.4860, 0.2451

Inverse Universe

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



22.3952, 0.3925, 0.2834



33.4579, 0.4199, 0.2752



40.1754, 0.2473, 0.3127



10.1381, 0.3232, 0.3205



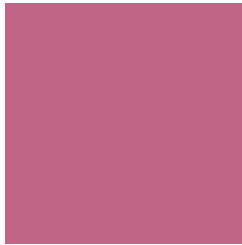
7.8603, 0.5475, 0.2789



0.3530, 0.4860, 0.2451

Previews

White Background



This preview shows how the Yxy color 22.3941, 0.3925, 0.2834 looks on a white background.

Color Contrast Check

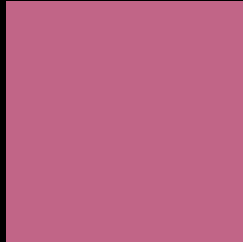
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.3941, 0.3925, 0.2834 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

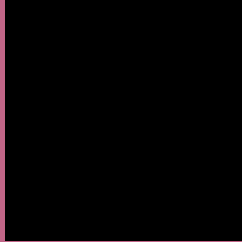
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.3941, 0.3925, 0.2834

Background



This preview shows how black text looks on a background with the Yxy color 22.3941, 0.3925, 0.2834.



This preview shows how white text looks on a background with the Yxy color 22.3941, 0.3925, 0.2834.

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

22.3941, 0.3925, 0.2834

Protanopia

22.7008, 0.2850, 0.2896

Deuteranopia

22.6571, 0.3273, 0.3223



Tritanopia

22.3718, 0.4200, 0.3183

Trichromacy



Original Color

22.3941, 0.3925, 0.2834

Protanomaly

21.7530, 0.3196, 0.2854

Deuteranomaly

22.1999, 0.3504, 0.3070

Tritanomaly

22.4876, 0.4102, 0.3061

Monochromacy



Original Color

22.3941, 0.3925, 0.2834

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

22.2382, 0.3396, 0.3096

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.3941, 0.3925, 0.2834 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(193, 101, 135)` looks like.

```
.text, #text, p{  
    color:rgb(193, 101, 135)  
}
```

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(193, 101, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 101, 135) }
```

Border

The CSS property to change the border of an element to Yxy 22.3941, 0.3925, 0.2834 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(193, 101, 135) }
```

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

```
.border{ border-color:rgb(193, 101, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 101, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 101, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 101, 135);  
box-shadow:4px 4px 4px 4px rgb(193, 101,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 22.3941, 0.3925, 0.2834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 101, 135) }
```

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

```
.background{ background-color: rgb(193,  
101, 135) }
```

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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