

Converting Colors

$Y_{xy}(22.2492, 0.3854, 0.2484)$

Have a look what the booklet for
Yxy(22.2492, 0.3854, 0.2484)
contains.

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Color

Yxy(22.2585, 0.3854, 0.2493)

Conversions

Conversions Part 1

Format	Color
Hex	CD5899
RGB	205, 88, 153
RGB Percent	80%, 35%, 60%
CMY	0.1962, 0.6548, 0.4000
CMYK	0.00, 0.57, 0.25, 0.20
HSL	327°, 54%, 57%
HSV	327°, 57%, 80%
XYZ	34.4101, 22.2585, 32.6154
YIQ	130.3930, 48.8670, 45.0190

Conversions

Conversions Part 2

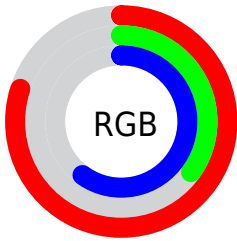
Format	Color
R_{YB}	205, 88, 153
Decimal	13457561
CIE _{Lab}	54.30, 53.34, -12.61
CIE _{LCh}	54, 54.810, 346.697
Yxy	22.2585, 0.3854, 0.2493
Android (android.graphics.Color)	4291647641 (0xFFCD5899)
YUV	130.3930, 11.1453, 65.4303
Hunter-Lab	47.1789, 47.6263, -7.9628

Details

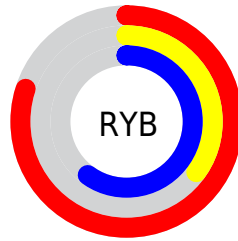
The Yxy color **22.2585, 0.3854, 0.2493** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **47.6198, 0.2765, 0.4305**, and the grayscale version is **22.4196, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.4099, 0.3618, 0.2636**, and **8.1838, 0.4117, 0.2235** is the 20% darker color. If you saturate the color by 10%, you get **19.0634, 0.4049, 0.2394**, and if you desaturate by 10%, it is **26.4247, 0.3678, 0.2618**.

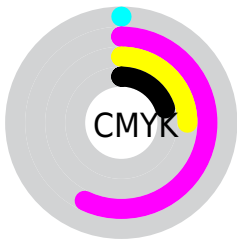
Distribution



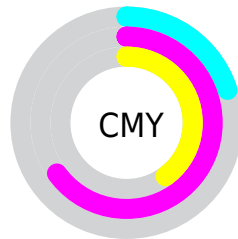
- Red (80%)
- Green (35%)
- Blue (60%)



- Red (80%)
- Yellow (35%)
- Blue (60%)



- Cyan (0%)
- Magenta (57%)
- Yellow (25%)
- Black (20%)




- Cyan (20%)
- Magenta (65%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 22.2585, 0.3854, 0.2493 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 22.2585, 0.3854, 0.2493 by changing the saturation by 10% instead.


 22.2585, 0.3854,
0.2493


 22.2585, 0.3854,
0.2493


263.8933, 0.3461,
0.2913


 14.0470, 0.3963,
0.2382


 47.1729, 0.3704,
0.2651

 8.1533, 0.4109,
0.2235


 64.6445, 0.3649,
0.2708

 4.1932, 0.4315,
0.2033


 85.9716, 0.3604,
0.2757

 1.7822, 0.4627,
0.1743

 111.5386, 0.3567,
0.2797

 0.4761, 0.5220,
0.1170

141.7299, 0.3534,
0.2832

 0.0000, 0.7830,
0.0000

176.9298, 0.3506,

 0.0000, 0.0000,

0.2863

0.0000

217.5228, 0.3482,
0.2890

■ 22.2585, 0.3854,
0.2493

■ 22.2585, 0.3854,
0.2493

■ 19.0634, 0.4049,
0.2394

■ 26.4247, 0.3678,
0.2618

■ 16.7541, 0.4257,
0.2335

■ 31.6313, 0.3524,
0.2759

■ 15.2357, 0.4469,
0.2324

■ 37.9449, 0.3391,
0.2906

■ 14.3801, 0.4677,
0.2366

■ 45.4258, 0.3278,
0.3053

■ 14.1870, 0.4738,
0.2384

■ 54.1298, 0.3184,
0.3195

■ 64.1090, 0.3105,
0.3329

■ 75.4126, 0.3040,
0.3454

■ 88.0872, 0.2986,
0.3570

■ 90.4930, 0.2937,
0.3501

Harmonies

Analogous

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



22.2585, 0.2854, 0.2072



22.2585, 0.3854, 0.2493



22.2585, 0.4720, 0.3075

Triad

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



22.2585, 0.3854, 0.2493



22.2585, 0.4033, 0.4980



22.2585, 0.1523, 0.2384

Complementary

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



22.2585, 0.3854, 0.2493



47.6198, 0.2765, 0.4305

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.



22.2585, 0.1728, 0.3218



22.2585, 0.3854, 0.2493



22.2585, 0.3144, 0.5051

Square

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



22.2585, 0.3854, 0.2493



22.2585, 0.4742, 0.4414



22.2585, 0.2297, 0.4320



22.2585, 0.1644, 0.1965

Rectangle

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



22.2585, 0.3854, 0.2493



22.2585, 0.5007, 0.3509



22.2585, 0.2297, 0.4320



22.2585, 0.1553, 0.2614

Sweetspot

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



22.2596, 0.3854, 0.2493



74.2126, 0.3280, 0.3051



16.8549, 0.2470, 0.1658



15.3181, 0.3301, 0.3021



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.



22.2596, 0.3854, 0.2493



30.4456, 0.4086, 0.2380



20.8014, 0.4734, 0.3201



11.3163, 0.3205, 0.3162



8.8540, 0.4710, 0.2368



0.4719, 0.4339, 0.2164

Inverse Universe

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



22.2596, 0.3854, 0.2493



30.4456, 0.4086, 0.2380



49.7653, 0.2456, 0.3400



11.3163, 0.3205, 0.3162



8.8540, 0.4710, 0.2368



0.4719, 0.4339, 0.2164

Previews

White Background



This preview shows how the Yxy color 22.2585, 0.3854, 0.2493 looks on a white background.

Color Contrast Check

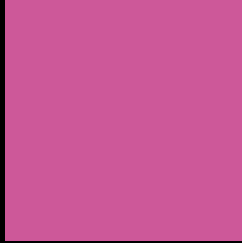
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.2585, 0.3854, 0.2493 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

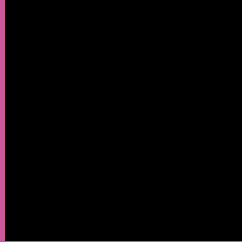
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.2585, 0.3854, 0.2493

Background



This preview shows how black text looks on a background with the Yxy color 22.2585, 0.3854, 0.2493.



This preview shows how white text looks on a background with the Yxy color 22.2585, 0.3854, 0.2493.

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

22.2585, 0.3854, 0.2493

Protanopia

22.6553, 0.2490, 0.2428

Deuteranopia

22.4362, 0.3006, 0.2952



Tritanopia

22.3611, 0.4475, 0.3217

Trichromacy



Original Color

22.2585, 0.3854, 0.2493



Protanomaly

21.1779, 0.2891, 0.2411



Deuteranomaly

21.4538, 0.3290, 0.2733



Tritanomaly

22.1461, 0.4255, 0.2948

Monochromacy



Original Color

22.2585, 0.3854, 0.2493



Achromatopsia

22.3228, 0.3127, 0.3290



Achromatomaly

21.2645, 0.3385, 0.2923

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.2585, 0.3854, 0.2493 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(205, 88, 153)` looks like.

```
.text, #text, p{  
    color:rgb(205, 88, 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(205, 88, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 88, 153) }
```

Border

The CSS property to change the border of an element to Yxy 22.2585, 0.3854, 0.2493 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(205, 88, 153) }
```

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

```
.border{ border-color:rgb(205, 88, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 88, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(205, 88, 153); -webkit-box-shadow:4px 4px 4px 4px rgb(205, 88, 153); box-shadow:4px 4px 4px 4px rgb(205, 88, 153) }
```


Background

The CSS property to change the background color of an element to Yxy 22.2585, 0.3854, 0.2493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 88, 153) }
```

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

```
.background{ background-color: rgb(205, 88,  
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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