

Converting Colors

$Y_{xy}(22.5429, 0.4217, 0.2924)$

Have a look what the booklet for
Yxy(22.5429, 0.4217, 0.2924)
contains.

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Color

Yxy(22.5429, 0.4217, 0.2924)

Conversions

Conversions Part 1

Format	Color
Hex	CB607D
RGB	203, 96, 125
RGB Percent	80%, 38%, 49%
CMY	0.2040, 0.6235, 0.5098
CMYK	0.00, 0.53, 0.38, 0.20
HSL	344°, 51%, 59%
HSV	344°, 53%, 80%
XYZ	32.5114, 22.5429, 22.0418
YIQ	131.2990, 54.4630, 31.7030

Conversions

Conversions Part 2

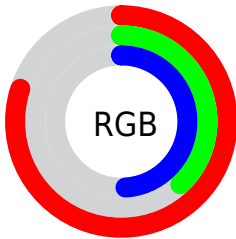
Format	Color
R_{YB}	203, 96, 125
Decimal	13328509
CIE _{Lab}	54.60, 45.38, 4.29
CIE _{LCh}	55, 45.578, 5.398
Yxy	22.5429, 0.4217, 0.2924
Android (android.graphics.Color)	4291518589 (0xFFCB607D)
YUV	131.2990, -3.1054, 62.8818
Hunter-Lab	47.4794, 39.1387, 5.7108

Details

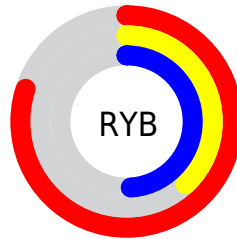
The Yxy color **22.5429, 0.4217, 0.2924** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **48.2505, 0.2609, 0.3722**, and the grayscale version is **22.8077, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.2470, 0.3909, 0.3009**, and **8.2693, 0.4643, 0.2773** is the 20% darker color. If you saturate the color by 10%, you get **18.9550, 0.4558, 0.2878**, and if you desaturate by 10%, it is **27.1456, 0.3921, 0.2987**.

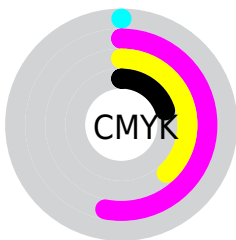
Distribution



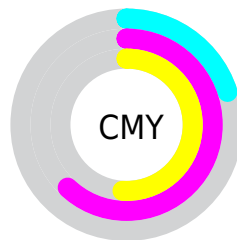
- Red (80%)
- Green (38%)
- Blue (49%)



- Red (80%)
- Yellow (38%)
- Blue (49%)



- Cyan (0%)
- Magenta (53%)
- Yellow (38%)
- Black (20%)





- Cyan (20%)
- Magenta (62%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 22.5429, 0.4217, 0.2924 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 22.5429, 0.4217, 0.2924 by changing the saturation by 10% instead.


 22.5429, 0.4217,
0.2924


 22.5429, 0.4217,
0.2924


265.3685, 0.3606,
0.3136


 14.2564, 0.4395,
0.2860


 47.6417, 0.3977,
0.3009


 8.2992, 0.4640,
0.2769

 65.2227, 0.3893,
0.3038

 4.2870, 0.4997,
0.2632


 86.6706, 0.3823,
0.3062

 1.8354, 0.5558,
0.2408

 112.3700, 0.3765,
0.3082

 0.5091, 0.7063,
0.1958

142.7050, 0.3716,
0.3099

 0.0000, 1.0000,
0.0000

178.0602, 0.3674,

 0.0000, 0.0000,

0.3113

0.0000

218.8199, 0.3638,
0.3125

■ 22.5429, 0.4217,
0.2924

■ 22.5429, 0.4217,
0.2924

■ 18.9550, 0.4558,
0.2878

■ 27.1456, 0.3921,
0.2987

■ 16.3008, 0.4930,
0.2860

■ 32.8292, 0.3671,
0.3059

■ 14.4923, 0.5309,
0.2882

■ 39.6582, 0.3465,
0.3133

■ 13.4228, 0.5658,
0.2947

■ 47.6909, 0.3297,
0.3204

■ 12.9711, 0.5877,
0.3011

■ 56.9819, 0.3160,
0.3272

■ 67.5822, 0.3048,
0.3336

■ 79.5401, 0.2957,
0.3394

■ 90.7095, 0.2882,
0.3411

■ 91.4351, 0.2822,
0.3289

Harmonies

Analogous

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



22.5429, 0.3421, 0.2454



22.5429, 0.4217, 0.2924



22.5429, 0.4686, 0.3490

Triad

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



22.5429, 0.4217, 0.2924



22.5429, 0.3465, 0.4787



22.5429, 0.1778, 0.2270

Complementary

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



22.5429, 0.4217, 0.2924



48.2505, 0.2609, 0.3722

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.



22.5429, 0.1784, 0.2774



22.5429, 0.4217, 0.2924



22.5429, 0.2702, 0.4410

Square

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



22.5429, 0.4217, 0.2924



22.5429, 0.4179, 0.4588



22.5429, 0.2096, 0.3580



22.5429, 0.2062, 0.2080

Rectangle

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



22.5429, 0.4217, 0.2924



22.5429, 0.4716, 0.3884



22.5429, 0.2096, 0.3580



22.5429, 0.1748, 0.2401

Sweetspot

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



22.5441, 0.4217, 0.2924



74.9048, 0.3352, 0.3180



21.5272, 0.2853, 0.1912



15.4281, 0.3387, 0.3165



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.



22.5441, 0.4217, 0.2924



31.1596, 0.4599, 0.2874



26.7791, 0.4470, 0.3589



11.2628, 0.3248, 0.3227



8.2689, 0.5843, 0.2992



0.4396, 0.5271, 0.2677

Inverse Universe

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



22.5441, 0.4217, 0.2924



31.1596, 0.4599, 0.2874



39.3653, 0.2386, 0.2945



11.2628, 0.3248, 0.3227



8.2689, 0.5843, 0.2992



0.4396, 0.5271, 0.2677

Previews

White Background



This preview shows how the Yxy color 22.5429, 0.4217, 0.2924 looks on a white background.

Color Contrast Check

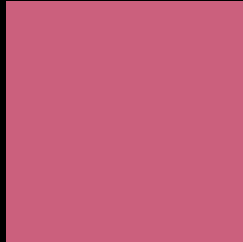
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.5429, 0.4217, 0.2924 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

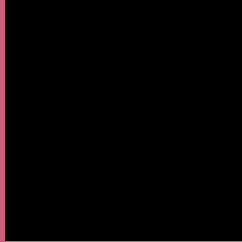
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.5429, 0.4217, 0.2924

Background



This preview shows how black text looks on a background with the Yxy color 22.5429, 0.4217, 0.2924.



This preview shows how white text looks on a background with the Yxy color 22.5429, 0.4217, 0.2924.

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

22.5429, 0.4217, 0.2924

Protanopia

22.6767, 0.2960, 0.3031

Deuteranopia

22.5737, 0.3466, 0.3392



Tritanopia

22.5208, 0.4472, 0.3205

Trichromacy



Original Color

22.5429, 0.4217, 0.2924

Protanomaly

21.8598, 0.3367, 0.2970

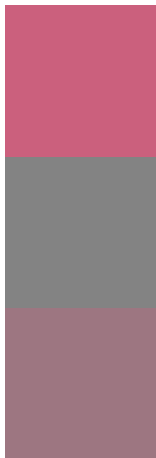
Deuteranomaly

21.9914, 0.3734, 0.3183

Tritanomaly

22.4842, 0.4374, 0.3102

Monochromacy



Original Color

22.5429, 0.4217, 0.2924

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

21.7099, 0.3491, 0.3113

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.5429, 0.4217, 0.2924 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(203, 96, 125)` looks like.

```
.text, #text, p{  
  color:rgb(203, 96, 125)  
}
```

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(203, 96, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 96, 125) }
```

Border

The CSS property to change the border of an element to Yxy 22.5429, 0.4217, 0.2924 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(203, 96, 125) }
```

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

```
.border{ border-color:rgb(203, 96, 125) }
```

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

Here you see how a box with a 4 pixel rgb(203, 96, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 96, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 96, 125);  
box-shadow:4px 4px 4px 4px rgb(203, 96,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 22.5429, 0.4217, 0.2924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 96, 125) }
```

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

```
.background{ background-color: rgb(203, 96,  
125) }
```

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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