

Converting Colors

$Y_{xy}(24.6788, 0.3998, 0.2923)$

Have a look what the booklet for
Yxy(24.6788, 0.3998, 0.2923)
contains.

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Color

Yxy(24.6822, 0.3999, 0.2928)

Conversions

Conversions Part 1

Format	Color
Hex	C96B87
RGB	201, 107, 135
RGB Percent	79%, 42%, 53%
CMY	0.2119, 0.5803, 0.4706
CMYK	0.00, 0.47, 0.33, 0.21
HSL	342°, 47%, 60%
HSV	342°, 47%, 79%
XYZ	33.7104, 24.6822, 25.9045
YIQ	138.2980, 47.0360, 28.6360

Conversions

Conversions Part 2

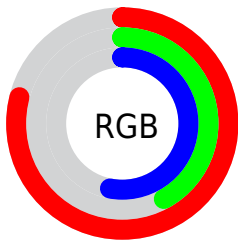
Format	Color
R_{YB}	201, 107, 135
Decimal	13200263
CIE _{Lab}	56.76, 40.29, 1.53
CIE _{LCh}	57, 40.315, 2.172
Yxy	24.6822, 0.3999, 0.2928
Android (android.graphics.Color)	4291390343 (0xFFC96B87)
YUV	138.2980, -1.6259, 54.9897
Hunter-Lab	49.6812, 34.1764, 3.8621

Details

The Yxy color **24.6822, 0.3999, 0.2928** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **47.9018, 0.2666, 0.3703**, and the grayscale version is **25.5303, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.0325, 0.3769, 0.2999**, and **9.4135, 0.4330, 0.2801** is the 20% darker color. If you saturate the color by 10%, you get **20.5958, 0.4300, 0.2864**, and if you desaturate by 10%, it is **29.7976, 0.3742, 0.3004**.

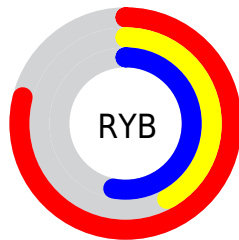
Distribution



Red (79%)

Green (42%)

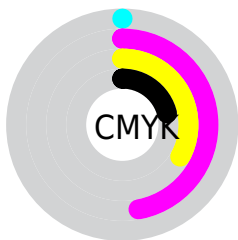
Blue (53%)



Red (79%)

Yellow (42%)

Blue (53%)

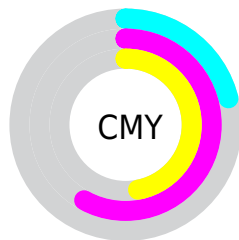


Cyan (0%)

Magenta (47%)

Yellow (33%)

Black (21%)



Cyan (21%)


Magenta (58%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.6822, 0.3999, 0.2928 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 24.6822, 0.3999, 0.2928 by changing the saturation by 10% instead.


 24.6822, 0.3999,
0.2928


 24.6822, 0.3999,
0.2928


276.2516, 0.3517,
0.3130


 15.8404, 0.4136,
0.2870


 51.1412, 0.3812,
0.3007

 9.4113, 0.4324,
0.2789


 69.5272, 0.3745,
0.3035

 5.0104, 0.4596,
0.2672

 91.8634, 0.3691,
0.3058

 2.2534, 0.5019,
0.2487

 118.5343, 0.3645,
0.3077

 0.7489, 0.5804,
0.2156

149.9241, 0.3606,
0.3093

 0.0000, 1.0000,
0.0000

186.4173, 0.3572,

 0.0000, 0.0000,

0.3107

0.0000

228.3984, 0.3543,
0.3119

■ 24.6822, 0.3999,
0.2928

■ 24.6822, 0.3999,
0.2928

■ 20.5958, 0.4300,
0.2864

■ 29.7976, 0.3742,
0.3004

■ 17.4641, 0.4641,
0.2822

■ 36.0020, 0.3528,
0.3085

■ 15.2090, 0.5005,
0.2815


■ 43.3553, 0.3352,
0.3165


■ 13.7379, 0.5365,
0.2851

■ 51.9118, 0.3209,
0.3241

■ 12.9296, 0.5688,
0.2932


■ 61.7225, 0.3092,
0.3313

 12.7368, 0.5785,
0.2961

 72.8353, 0.2996,
0.3379

 85.2956, 0.2918,
0.3439

 90.7043, 0.2847,
0.3364

 91.1526, 0.2810,
0.3289

Harmonies

Analogous

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



24.6822, 0.3308, 0.2520



24.6822, 0.3999, 0.2928



24.6822, 0.4444, 0.3430

Triad

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



24.6822, 0.3999, 0.2928



24.6822, 0.3511, 0.4569



24.6822, 0.1928, 0.2442

Complementary

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



24.6822, 0.3999, 0.2928



47.9018, 0.2666, 0.3703

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.



24.6822, 0.1966, 0.2923



24.6822, 0.3999, 0.2928



24.6822, 0.2840, 0.4291

Square

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



24.6822, 0.3999, 0.2928



24.6822, 0.4113, 0.4391



24.6822, 0.2281, 0.3625



24.6822, 0.2155, 0.2235

Rectangle

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



24.6822, 0.3999, 0.2928



24.6822, 0.4511, 0.3780



24.6822, 0.2281, 0.3625



24.6822, 0.1910, 0.2571

Sweetspot

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



24.6834, 0.3999, 0.2928



77.7887, 0.3313, 0.3185



23.5970, 0.2877, 0.2058



15.9986, 0.3347, 0.3167



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.



24.6834, 0.3999, 0.2928



35.2491, 0.4302, 0.2864



28.3499, 0.4265, 0.3539



10.6880, 0.3244, 0.3221



8.0258, 0.5748, 0.2940



0.3930, 0.5139, 0.2605

Inverse Universe

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



24.6834, 0.3999, 0.2928



35.2491, 0.4302, 0.2864



40.8718, 0.2461, 0.3014



10.6880, 0.3244, 0.3221



8.0258, 0.5748, 0.2940



0.3930, 0.5139, 0.2605

Previews

White Background



This preview shows how the Yxy color 24.6822, 0.3999, 0.2928 looks on a white background.

Color Contrast Check

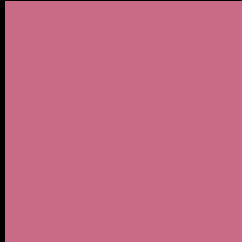
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.6822, 0.3999, 0.2928 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

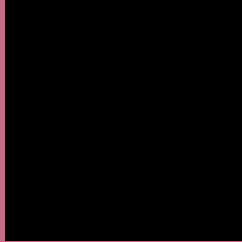
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.6822, 0.3999, 0.2928

Background



This preview shows how black text looks on a background with the Yxy color 24.6822, 0.3999, 0.2928.



This preview shows how white text looks on a background with the Yxy color 24.6822, 0.3999, 0.2928.

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

24.6822, 0.3999, 0.2928

Protanopia

25.0262, 0.2957, 0.3025

Deuteranopia

24.8166, 0.3371, 0.3307



Tritanopia

24.6020, 0.4198, 0.3188

Trichromacy



Original Color

24.6822, 0.3999, 0.2928

Protanomaly

24.1135, 0.3296, 0.2963

Deuteranomaly

24.3779, 0.3601, 0.3155

Tritanomaly

24.6719, 0.4132, 0.3096

Monochromacy



Original Color

24.6822, 0.3999, 0.2928

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

24.5620, 0.3420, 0.3135

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.6822, 0.3999, 0.2928 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(201, 107, 135)` looks like.

```
.text, #text, p{  
    color:rgb(201, 107, 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(201, 107, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 107, 135) }
```

Border

The CSS property to change the border of an element to Yxy 24.6822, 0.3999, 0.2928 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(201, 107, 135) }
```

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

```
.border{ border-color:rgb(201, 107, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 107, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(201, 107, 135); -webkit-box-shadow:4px 4px 4px 4px rgb(201, 107, 135); box-shadow:4px 4px 4px 4px rgb(201, 107, 135) }
```


Background

The CSS property to change the background color of an element to Yxy 24.6822, 0.3999, 0.2928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 107, 135) }
```

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

```
.background{ background-color: rgb(201,  
107, 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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