

Converting Colors

$Yxy(23.9654, 0.4023, 0.2881)$

Have a look what the booklet for
Yxy(23.9654, 0.4023, 0.2881)
contains.

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Color

Yxy(24.0063, 0.4028, 0.2879)

Conversions

Conversions Part 1

Format	Color
Hex	CA6787
RGB	202, 103, 135
RGB Percent	79%, 40%, 53%
CMY	0.2077, 0.5961, 0.4705
CMYK	0.00, 0.49, 0.33, 0.21
HSL	341°, 48%, 60%
HSV	341°, 49%, 79%
XYZ	33.5871, 24.0063, 25.7907
YIQ	136.2490, 48.7320, 30.9400

Conversions

Conversions Part 2

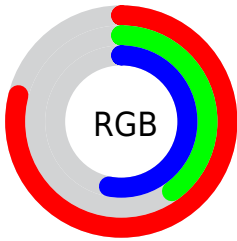
Format	Color
R_{YB}	202, 103, 135
Decimal	13264775
CIE _{Lab}	56.09, 42.74, 0.55
CIE _{LCh}	56, 42.747, 0.743
Yxy	24.0063, 0.4028, 0.2879
Android (android.graphics.Color)	4291454855 (0xFFCA6787)
YUV	136.2490, -0.6158, 57.6636
Hunter-Lab	48.9962, 36.6192, 3.0882

Details

The Yxy color **24.0063, 0.4028, 0.2879** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **48.0393, 0.2664, 0.3767**, and the grayscale version is **24.7071, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.0048, 0.3777, 0.2968**, and **9.0433, 0.4378, 0.2731** is the 20% darker color. If you saturate the color by 10%, you get **20.1026, 0.4326, 0.2813**, and if you desaturate by 10%, it is **28.9327, 0.3772, 0.2960**.

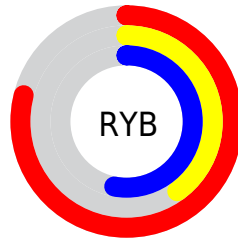
Distribution



Red (79%)

Green (40%)

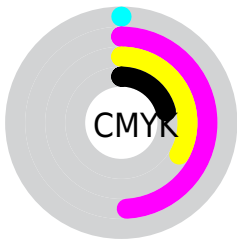
Blue (53%)



Red (79%)

Yellow (40%)

Blue (53%)

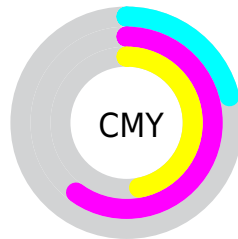


Cyan (0%)

Magenta (49%)

Yellow (33%)

Black (21%)



Cyan (21%)


Magenta (60%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.0063, 0.4028, 0.2879 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 24.0063, 0.4028, 0.2879 by changing the saturation by 10% instead.

 24.0063, 0.4028,
0.2879

 24.0063, 0.4028,
0.2879


272.8523, 0.3529,
0.3107


 15.3383, 0.4171,
0.2813


 50.0405, 0.3834,
0.2968

 9.0572, 0.4366,
0.2723


 68.1754, 0.3765,
0.3000

 4.7785, 0.4648,
0.2593

 90.2349, 0.3708,
0.3026

 2.1179, 0.5090,
0.2388

 116.6031, 0.3661,
0.3047

 0.6747, 0.5931,
0.2003

147.6646, 0.3621,
0.3066

 0.0000, 1.0000,
0.0000

183.8037, 0.3586,

 0.0000, 0.0000,

0.3082

0.0000

225.4048, 0.3556,
0.3095

■ 24.0063, 0.4028,
0.2879

■ 24.0063, 0.4028,
0.2879

■ 20.1026, 0.4326,
0.2813

■ 28.9327, 0.3772,
0.2960

■ 17.1449, 0.4658,
0.2772

■ 34.9438, 0.3557,
0.3047

■ 15.0515, 0.5010,
0.2770


■ 42.1012, 0.3380,
0.3134

■ 13.7252, 0.5355,
0.2814

■ 50.4607, 0.3235,
0.3218

■ 13.0046, 0.5664,
0.2901

■ 60.0743, 0.3117,
0.3297

 12.9462, 0.5693,
0.2910

 70.9912, 0.3020,
0.3371

 83.2577, 0.2941,
0.3438

 90.6346, 0.2871,
0.3401

 91.3006, 0.2816,
0.3289

Harmonies

Analogous

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



24.0063, 0.3281, 0.2457



24.0063, 0.4028, 0.2879



24.0063, 0.4523, 0.3403

Triad

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



24.0063, 0.4028, 0.2879



24.0063, 0.3562, 0.4663



24.0063, 0.1853, 0.2402

Complementary

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



24.0063, 0.4028, 0.2879



48.0393, 0.2664, 0.3767

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.



24.0063, 0.1905, 0.2923



24.0063, 0.4028, 0.2879



24.0063, 0.2847, 0.4396

Square

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



24.0063, 0.4028, 0.2879



24.0063, 0.4196, 0.4439



24.0063, 0.2247, 0.3686



24.0063, 0.2078, 0.2175

Rectangle

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



24.0063, 0.4028, 0.2879



24.0063, 0.4606, 0.3772



24.0063, 0.2247, 0.3686



24.0063, 0.1838, 0.2542

Sweetspot

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



24.0075, 0.4028, 0.2879



76.4208, 0.3321, 0.3167



22.3994, 0.2826, 0.1985



15.7315, 0.3354, 0.3149



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.



24.0075, 0.4028, 0.2879



33.5785, 0.4350, 0.2809



26.8504, 0.4371, 0.3507



11.2725, 0.3240, 0.3215



8.3426, 0.5658, 0.2890



0.4443, 0.5098, 0.2582

Inverse Universe

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



24.0075, 0.4028, 0.2879



33.5785, 0.4350, 0.2809



42.0646, 0.2443, 0.3048



11.2725, 0.3240, 0.3215



8.3426, 0.5658, 0.2890



0.4443, 0.5098, 0.2582

Previews

White Background



This preview shows how the Yxy color 24.0063, 0.4028, 0.2879 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 24.0063, 0.4028, 0.2879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

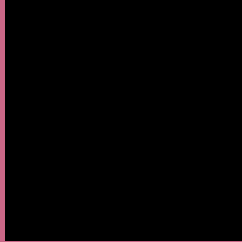
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.0063, 0.4028, 0.2879

Background



This preview shows how black text looks on a background with the Yxy color 24.0063, 0.4028, 0.2879.



This preview shows how white text looks on a background with the Yxy color 24.0063, 0.4028, 0.2879.

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

24.0063, 0.4028, 0.2879

Protanopia

24.2888, 0.2906, 0.2956

Deuteranopia

24.0610, 0.3363, 0.3291



Tritanopia

24.0097, 0.4283, 0.3202

Trichromacy



Original Color

24.0063, 0.4028, 0.2879

Protanomaly

23.4406, 0.3264, 0.2914

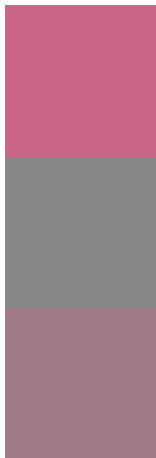
Deuteranomaly

23.5339, 0.3598, 0.3108

Tritanomaly

24.1307, 0.4187, 0.3085

Monochromacy



Original Color

24.0063, 0.4028, 0.2879

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

23.6665, 0.3427, 0.3102

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.0063, 0.4028, 0.2879 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(202, 103, 135)` looks like.

```
.text, #text, p{  
    color:rgb(202, 103, 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(202, 103, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 103, 135) }
```

Border

The CSS property to change the border of an element to Yxy 24.0063, 0.4028, 0.2879 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(202, 103, 135) }
```

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

```
.border{ border-color:rgb(202, 103, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 103, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 103, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 103, 135);  
box-shadow:4px 4px 4px 4px rgb(202, 103,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 24.0063, 0.4028, 0.2879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 103, 135) }
```

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

```
.background{ background-color: rgb(202,  
103, 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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