

Converting Colors

$Y_{xy}(23.8599, 0.4007, 0.2951)$

Have a look what the booklet for
Yxy(23.8599, 0.4007, 0.2951)
contains.

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Color

Yxy(23.8443, 0.3997, 0.2947)

Conversions

Conversions Part 1

Format	Color
Hex	C56A84
RGB	197, 106, 132
RGB Percent	77%, 42%, 52%
CMY	0.2275, 0.5842, 0.4824
CMYK	0.00, 0.46, 0.33, 0.23
HSL	343°, 44%, 59%
HSV	343°, 46%, 77%
XYZ	32.3399, 23.8443, 24.7262
YIQ	136.1730, 45.8900, 27.3780

Conversions

Conversions Part 2

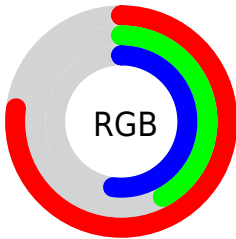
Format	Color
R _Y B	197, 106, 132
Decimal	12937860
CIE Lab	55.93, 39.01, 2.00
CIE LCh	56, 39.064, 2.935
Yxy	23.8443, 0.3997, 0.2947
Android (android.graphics.Color)	4291127940 (0xFFC56A84)
YUV	136.1730, -2.0573, 53.3453
Hunter-Lab	48.8306, 32.7647, 4.1589

Details

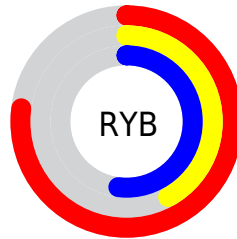
The Yxy color **23.8443, 0.3997, 0.2947** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **45.9274, 0.2664, 0.3679**, and the grayscale version is **24.6853, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.5591, 0.3802, 0.3019**, and **8.9324, 0.4314, 0.2804** is the 20% darker color. If you saturate the color by 10%, you get **19.8807, 0.4301, 0.2885**, and if you desaturate by 10%, it is **28.7946, 0.3738, 0.3020**.

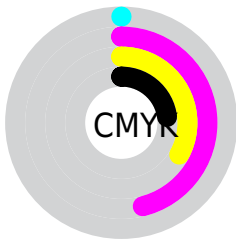
Distribution



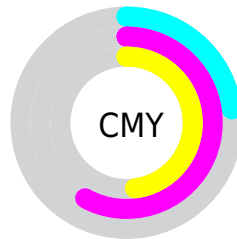
- Red (77%)
- Green (42%)
- Blue (52%)



- Red (77%)
- Yellow (42%)
- Blue (52%)



- Cyan (0%)
- Magenta (46%)
- Yellow (33%)
- Black (23%)





- Cyan (23%)
- Magenta (58%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.8443, 0.3997, 0.2947 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 23.8443, 0.3997, 0.2947 by changing the saturation by 10% instead.


 23.8443, 0.3997,
0.2947


 23.8443, 0.3997,
0.2947


272.0324, 0.3514,
0.3140


 15.2182, 0.4136,
0.2890


 49.7760, 0.3808,
0.3023


 8.9726, 0.4327,
0.2812


 67.8504, 0.3742,
0.3050

 4.7233, 0.4606,
0.2696

 89.8429, 0.3687,
0.3072

 2.0859, 0.5044,
0.2510

 116.1380, 0.3641,
0.3090

 0.6567, 0.5952,
0.2158

147.1202, 0.3602,
0.3105

 0.0000, 1.0000,
0.0000

183.1737, 0.3568,

 0.0000, 0.0000,

0.3119

0.0000

224.6829, 0.3539,
0.3130

■ 23.8443, 0.3997,
0.2947

■ 23.8443, 0.3997,
0.2947

■ 19.8807, 0.4301,
0.2885

■ 28.7946, 0.3738,
0.3020

■ 16.8336, 0.4646,
0.2844

■ 34.7886, 0.3523,
0.3098

■ 14.6289, 0.5015,
0.2836


■ 41.8830, 0.3346,
0.3174


■ 13.1793, 0.5382,
0.2870

■ 50.1296, 0.3202,
0.3247

■ 12.3744, 0.5710,
0.2949

■ 59.5768, 0.3085,
0.3316

 12.1551, 0.5824,
0.2982

 70.2701, 0.2990,
0.3378

 82.2527, 0.2911,
0.3436

 89.9537, 0.2842,
0.3400

 90.6071, 0.2789,
0.3289

Harmonies

Analogous

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



23.8443, 0.3323, 0.2541



23.8443, 0.3997, 0.2947



23.8443, 0.4424, 0.3443

Triad

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



23.8443, 0.3997, 0.2947



23.8443, 0.3489, 0.4542



23.8443, 0.1950, 0.2450

Complementary

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



23.8443, 0.3997, 0.2947



45.9274, 0.2664, 0.3679

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.



23.8443, 0.1982, 0.2916



23.8443, 0.3997, 0.2947



23.8443, 0.2831, 0.4256

Square

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



23.8443, 0.3997, 0.2947



23.8443, 0.4084, 0.4381



23.8443, 0.2286, 0.3601



23.8443, 0.2181, 0.2251

Rectangle

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



23.8443, 0.3997, 0.2947



23.8443, 0.4483, 0.3787



23.8443, 0.2286, 0.3601



23.8443, 0.1931, 0.2575

Sweetspot

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



23.8455, 0.3997, 0.2947



77.7646, 0.3316, 0.3189



22.8542, 0.2882, 0.2075



15.9927, 0.3350, 0.3172



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.



23.8455, 0.3997, 0.2947



35.8245, 0.4290, 0.2887



27.3768, 0.4244, 0.3536



10.6859, 0.3245, 0.3224



8.0097, 0.5790, 0.2963



0.3920, 0.5178, 0.2626

Inverse Universe

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



23.8455, 0.3997, 0.2947



35.8245, 0.4290, 0.2887



39.2497, 0.2468, 0.3018



10.6859, 0.3245, 0.3224



8.0097, 0.5790, 0.2963



0.3920, 0.5178, 0.2626

Previews

White Background



This preview shows how the Yxy color 23.8443, 0.3997, 0.2947 looks on a white background.

Color Contrast Check

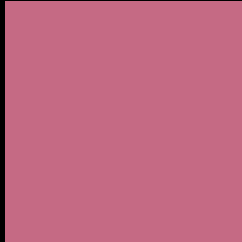
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.8443, 0.3997, 0.2947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

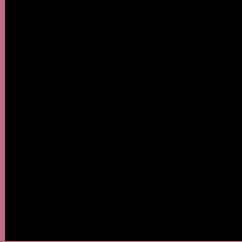
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.8443, 0.3997, 0.2947

Background



This preview shows how black text looks on a background with the Yxy color 23.8443, 0.3997, 0.2947.



This preview shows how white text looks on a background with the Yxy color 23.8443, 0.3997, 0.2947.

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

23.8443, 0.3997, 0.2947

Protanopia

24.1749, 0.2974, 0.3054

Deuteranopia

24.0078, 0.3386, 0.3324



Tritanopia

23.9574, 0.4182, 0.3186

Trichromacy



Original Color

23.8443, 0.3997, 0.2947

Protanomaly

23.4362, 0.3308, 0.3005

Deuteranomaly

23.4752, 0.3608, 0.3168

Tritanomaly

23.8660, 0.4117, 0.3105

Monochromacy



Original Color

23.8443, 0.3997, 0.2947

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

23.6856, 0.3412, 0.3132

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.8443, 0.3997, 0.2947 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(197, 106, 132)` looks like.

```
.text, #text, p{  
    color:rgb(197, 106, 132)  
}
```

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(197, 106, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 106, 132) }
```

Border

The CSS property to change the border of an element to Yxy 23.8443, 0.3997, 0.2947 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(197, 106, 132) }
```

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

```
.border{ border-color:rgb(197, 106, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 106, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 106, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 106, 132);  
box-shadow:4px 4px 4px 4px rgb(197, 106,  
132) }
```


Background

The CSS property to change the background color of an element to Yxy 23.8443, 0.3997, 0.2947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 106, 132) }
```

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

```
.background{ background-color: rgb(197,  
106, 132) }
```

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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