

Converting Colors

$Y_{xy}(23.1031, 0.4082, 0.2974)$

Have a look what the booklet for
Yxy(23.1031, 0.4082, 0.2974)
contains.

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Color

Yxy(23.1031, 0.4082, 0.2974)

Conversions

Conversions Part 1

Format	Color
Hex	C5677F
RGB	197, 103, 127
RGB Percent	77%, 40%, 50%
CMY	0.2274, 0.5961, 0.5019
CMYK	0.00, 0.48, 0.36, 0.23
HSL	345°, 45%, 59%
HSV	345°, 48%, 77%
XYZ	31.7104, 23.1031, 22.8700
YIQ	133.8420, 48.3200, 27.3920

Conversions

Conversions Part 2

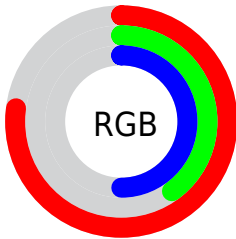
Format	Color
R_{YB}	197, 103, 127
Decimal	12937087
CIE _{Lab}	55.18, 39.98, 3.83
CIE _{LCh}	55, 40.163, 5.479
Yxy	23.1031, 0.4082, 0.2974
Android (android.graphics.Color)	4291127167 (0xFFC5677F)
YUV	133.8420, -3.3731, 55.3896
Hunter-Lab	48.0657, 33.6471, 5.4353

Details

The Yxy color **23.1031, 0.4082, 0.2974** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **45.8398, 0.2636, 0.3650**, and the grayscale version is **23.7788, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.3322, 0.3860, 0.3040**, and **8.5815, 0.4450, 0.2846** is the 20% darker color. If you saturate the color by 10%, you get **19.2812, 0.4408, 0.2922**, and if you desaturate by 10%, it is **27.9062, 0.3803, 0.3038**.

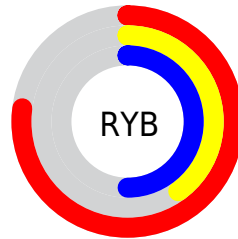
Distribution



Red (77%)

Green (40%)

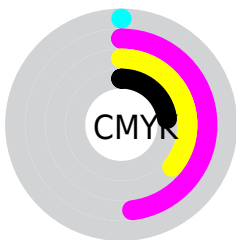
Blue (50%)



Red (77%)

Yellow (40%)

Blue (50%)

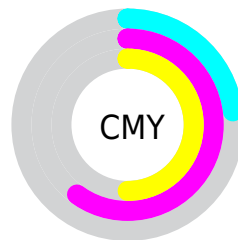


Cyan (0%)

Magenta (48%)

Yellow (36%)

Black (23%)



Cyan (23%)


Magenta (60%)


Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 23.1031, 0.4082, 0.2974 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 23.1031, 0.4082, 0.2974 by changing the saturation by 10% instead.


 23.1031, 0.4082,
0.2974

 23.1031, 0.4082,
0.2974


268.2541, 0.3548,
0.3156

 14.6697, 0.4237,
0.2919


 48.5626, 0.3873,
0.3047


 8.5879, 0.4451,
0.2841


 66.3574, 0.3799,
0.3072

 4.4734, 0.4764,
0.2725

 88.0414, 0.3738,
0.3093

 1.9417, 0.5258,
0.2533

 113.9991, 0.3688,
0.3110

 0.5733, 0.6492,
0.2164

144.6148, 0.3645,
0.3124

 0.0000, 1.0000,
0.0000

180.2730, 0.3608,

 0.0000, 0.0000,

0.3136

0.0000

221.3579, 0.3576,
0.3147

■ 23.1031, 0.4082,
0.2974

■ 23.1031, 0.4082,
0.2974

■ 19.2812, 0.4408,
0.2922

■ 27.9062, 0.3803,
0.3038

■ 16.3689, 0.4775,
0.2892

■ 33.7489, 0.3571,
0.3107

■ 14.2901, 0.5162,
0.2894


■ 40.6887, 0.3381,
0.3176

■ 12.9549, 0.5535,
0.2937

■ 48.7783, 0.3227,
0.3242

■ 12.2330, 0.5857,
0.3018

■ 58.0667, 0.3101,
0.3304

 12.1055, 0.5923,
0.3037

 68.6002, 0.2999,
0.3361

 80.4225, 0.2915,
0.3413

 89.9461, 0.2843,
0.3402

 90.6124, 0.2789,
0.3289

Harmonies

Analogous

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



23.1031, 0.3392, 0.2546



23.1031, 0.4082, 0.2974



23.1031, 0.4493, 0.3488

Triad

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



23.1031, 0.4082, 0.2974



23.1031, 0.3440, 0.4588



23.1031, 0.1921, 0.2390

Complementary

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



23.1031, 0.4082, 0.2974



45.8398, 0.2636, 0.3650

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.



23.1031, 0.1930, 0.2847



23.1031, 0.4082, 0.2974



23.1031, 0.2762, 0.4251

Square

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



23.1031, 0.4082, 0.2974



23.1031, 0.4070, 0.4446



23.1031, 0.2218, 0.3547



23.1031, 0.2181, 0.2211

Rectangle

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



23.1031, 0.4082, 0.2974



23.1031, 0.4527, 0.3843



23.1031, 0.2218, 0.3547



23.1031, 0.1894, 0.2511

Sweetspot

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



23.1043, 0.4082, 0.2974



77.7045, 0.3323, 0.3199



22.4954, 0.2905, 0.2047



15.9782, 0.3359, 0.3185



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.



23.1043, 0.4082, 0.2974



34.4361, 0.4414, 0.2921



27.5016, 0.4276, 0.3585



10.6807, 0.3250, 0.3231



7.9726, 0.5891, 0.3019



0.3897, 0.5278, 0.2681

Inverse Universe

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



23.1043, 0.4082, 0.2974



34.4361, 0.4414, 0.2921



37.6051, 0.2441, 0.2959



10.6807, 0.3250, 0.3231



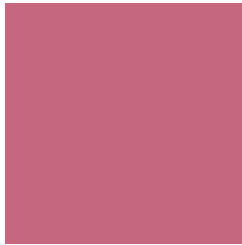
7.9726, 0.5891, 0.3019



0.3897, 0.5278, 0.2681

Previews

White Background



This preview shows how the Yxy color 23.1031, 0.4082, 0.2974 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 23.1031, 0.4082, 0.2974 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 23.1031, 0.4082, 0.2974

Background



This preview shows how black text looks on a background with the Yxy color 23.1031, 0.4082, 0.2974.



This preview shows how white text looks on a background with the Yxy color 23.1031, 0.4082, 0.2974.

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

23.1031, 0.4082, 0.2974

Protanopia

23.4217, 0.3003, 0.3085

Deuteranopia

23.2580, 0.3437, 0.3374



Tritanopia

23.0312, 0.4261, 0.3187

Trichromacy



Original Color

23.1031, 0.4082, 0.2974

Protanomaly

22.5776, 0.3361, 0.3019

Deuteranomaly

22.7559, 0.3666, 0.3214

Tritanomaly

22.9444, 0.4195, 0.3106

Monochromacy



Original Color

23.1031, 0.4082, 0.2974

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

22.9727, 0.3453, 0.3162

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.1031, 0.4082, 0.2974 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, 103, 127)` looks like.

```
.text, #text, p{  
    color:rgb(197, 103, 127)  
}
```

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, 103, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 103, 127) }
```

Border

The CSS property to change the border of an element to Yxy 23.1031, 0.4082, 0.2974 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, 103, 127) }
```

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

```
.border{ border-color:rgb(197, 103, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 103, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 103, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 103, 127);  
box-shadow:4px 4px 4px 4px rgb(197, 103,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 23.1031, 0.4082, 0.2974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 103, 127) }
```

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

```
.background{ background-color: rgb(197,  
103, 127) }
```

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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