

Converting Colors

$Y_{xy}(23.5304, 0.4016, 0.3018)$

Have a look what the booklet for
Yxy(23.5304, 0.4016, 0.3018)
contains.

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Color

Yxy(23.5170, 0.4027, 0.3022)

Conversions

Conversions Part 1

Format	Color
Hex	C26B7F
RGB	194, 107, 127
RGB Percent	76%, 42%, 50%
CMY	0.2392, 0.5804, 0.5020
CMYK	0.00, 0.45, 0.35, 0.24
HSL	346°, 42%, 59%
HSV	346°, 45%, 76%
XYZ	31.3378, 23.5170, 22.9645
YIQ	135.2930, 45.4320, 24.6640

Conversions

Conversions Part 2

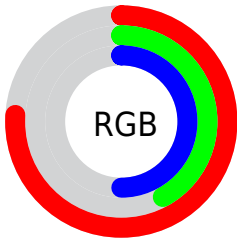
Format	Color
RYB	194, 107, 127
Decimal	12741503
CIELab	55.60, 36.79, 4.40
CIElCh	56, 37.057, 6.819
Yxy	23.5170, 0.4027, 0.3022
Android (android.graphics.Color)	4290931583 (0xFFC26B7F)
YUV	135.2930, -4.0884, 51.4860
Hunter-Lab	48.4943, 30.4846, 5.8693

Details

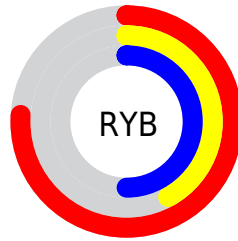
The Yxy color **23.5170, 0.4027, 0.3022** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **44.7695, 0.2646, 0.3590**, and the grayscale version is **24.3463, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.3195, 0.3830, 0.3080**, and **8.7817, 0.4386, 0.2903** is the 20% darker color. If you saturate the color by 10%, you get **19.5554, 0.4352, 0.2972**, and if you desaturate by 10%, it is **28.4462, 0.3752, 0.3081**.

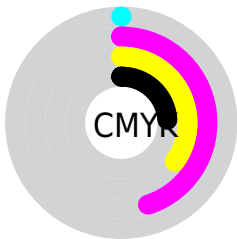
Distribution



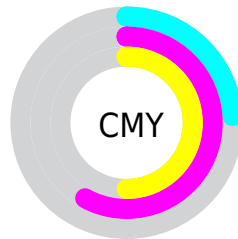
- Red (76%)
- Green (42%)
- Blue (50%)



- Red (76%)
- Yellow (42%)
- Blue (50%)



- Cyan (0%)
- Magenta (45%)
- Yellow (35%)
- Black (24%)





- Cyan (24%)
- Magenta (58%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.5170, 0.4027, 0.3022 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 23.5170, 0.4027, 0.3022 by changing the saturation by 10% instead.


 23.5170, 0.4027,
0.3022


 23.5170, 0.4027,
0.3022


270.3694, 0.3524,
0.3177


 14.9757, 0.4173,
0.2974


 49.2409, 0.3830,
0.3084


 8.8023, 0.4374,
0.2907


 67.1922, 0.3761,
0.3106

 4.6125, 0.4668,
0.2806


 89.0491, 0.3704,
0.3124

 2.0217, 0.5134,
0.2636

 115.1958, 0.3656,
0.3138

 0.6201, 0.6279,
0.2336

146.0168, 0.3615,
0.3150

 0.0000, 1.0000,
0.0000

181.8965, 0.3581,

 0.0000, 0.0000,

0.3161

0.0000

223.2192, 0.3551,
0.3170

■ 23.5170, 0.4027,
0.3022

■ 23.5170, 0.4027,
0.3022

■ 19.5554, 0.4352,
0.2972

■ 28.4462, 0.3752,
0.3081

■ 16.4939, 0.4721,
0.2940

■ 34.3976, 0.3525,
0.3144

■ 14.2620, 0.5118,
0.2935

■ 41.4258, 0.3340,
0.3205

■ 12.7767, 0.5509,
0.2967


■ 49.5807, 0.3189,
0.3263

■ 11.9379, 0.5849,
0.3038


■ 58.9089, 0.3067,
0.3317

 11.6567, 0.5999,
0.3078

 69.4544, 0.2968,
0.3367

 81.2589, 0.2887,
0.3413

 89.6771, 0.2816,
0.3379

 90.2104, 0.2773,
0.3289

Harmonies

Analogous

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



23.5170, 0.3403, 0.2615



23.5170, 0.4027, 0.3022



23.5170, 0.4388, 0.3506

Triad

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



23.5170, 0.4027, 0.3022



23.5170, 0.3396, 0.4470



23.5170, 0.2013, 0.2449

Complementary

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



23.5170, 0.4027, 0.3022



44.7695, 0.2646, 0.3590

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.



23.5170, 0.2011, 0.2865



23.5170, 0.4027, 0.3022



23.5170, 0.2770, 0.4139

Square

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



23.5170, 0.4027, 0.3022



23.5170, 0.3981, 0.4373



23.5170, 0.2272, 0.3498



23.5170, 0.2268, 0.2287

Rectangle

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



23.5170, 0.4027, 0.3022



23.5170, 0.4412, 0.3835



23.5170, 0.2272, 0.3498



23.5170, 0.1983, 0.2559

Sweetspot

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



23.5182, 0.4027, 0.3022



77.3284, 0.3313, 0.3215



23.3760, 0.2955, 0.2133



16.2519, 0.3350, 0.3201



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.



23.5182, 0.4027, 0.3022



35.4205, 0.4352, 0.2972



28.5512, 0.4158, 0.3607



10.1150, 0.3254, 0.3237



7.6738, 0.5967, 0.3061



0.3425, 0.5323, 0.2706

Inverse Universe

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



23.5182, 0.4027, 0.3022



35.4205, 0.4352, 0.2972



36.0739, 0.2470, 0.2937



10.1150, 0.3254, 0.3237



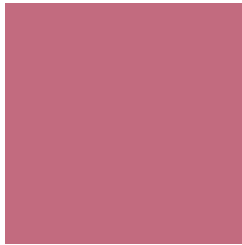
7.6738, 0.5967, 0.3061



0.3425, 0.5323, 0.2706

Previews

White Background



This preview shows how the Yxy color 23.5170, 0.4027, 0.3022 looks on a white background.

Color Contrast Check

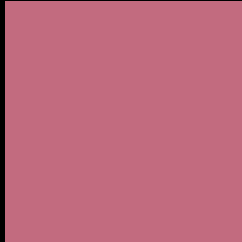
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.5170, 0.4027, 0.3022 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

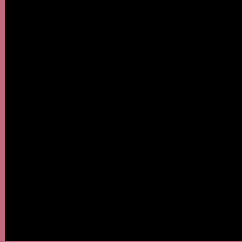
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.5170, 0.4027, 0.3022

Background



This preview shows how black text looks on a background with the Yxy color 23.5170, 0.4027, 0.3022.



This preview shows how white text looks on a background with the Yxy color 23.5170, 0.4027, 0.3022.

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

23.5170, 0.4027, 0.3022

Protanopia

23.7964, 0.3045, 0.3137

Deuteranopia

23.6146, 0.3446, 0.3390



Tritanopia

23.5591, 0.4145, 0.3184

Trichromacy



Original Color

23.5170, 0.4027, 0.3022

Protanomaly

23.2894, 0.3367, 0.3083

Deuteranomaly

23.2370, 0.3659, 0.3245

Tritanomaly

23.4431, 0.4094, 0.3116

Monochromacy



Original Color

23.5170, 0.4027, 0.3022

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

23.4011, 0.3424, 0.3178

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.5170, 0.4027, 0.3022 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(194, 107, 127)` looks like.

```
.text, #text, p{  
    color:rgb(194, 107, 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(194, 107, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 107, 127) }
```

Border

The CSS property to change the border of an element to Yxy 23.5170, 0.4027, 0.3022 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(194, 107, 127) }
```

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

```
.border{ border-color:rgb(194, 107, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 107, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 107, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 107, 127);  
box-shadow:4px 4px 4px 4px rgb(194, 107,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 23.5170, 0.4027, 0.3022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 107, 127) }
```

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

```
.background{ background-color: rgb(194,  
107, 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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