

Converting Colors

$Y_{xy}(23.1619, 0.4187, 0.3120)$

Have a look what the booklet for
Yxy(23.1619, 0.4187, 0.3120)
contains.

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Color

Yxy(23.1469, 0.4189, 0.3119)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | C46976 |
| RGB | 196, 105, 118 |
| RGB Percent | 77%, 41%, 46% |
| CMY | 0.2314, 0.5882, 0.5371 |
| CMYK | 0.00, 0.46, 0.40, 0.23 |
| HSL | 351°, 44%, 59% |
| HSV | 351°, 46%, 77% |
| XYZ | 31.0876, 23.1469, 19.9780 |
| YIQ | 133.6910, 50.0630, 23.3350 |

Conversions

Conversions Part 2

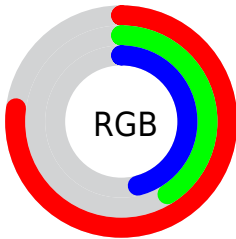
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 196, 105, 118 |
| Decimal | 12872054 |
| CIELab | 55.22, 37.50, 9.15 |
| CIELCh | 55, 38.601, 13.714 |
| Yxy | 23.1469, 0.4189, 0.3119 |
| Android (android.graphics.Color) | 4291062134 (0xFFC46976) |
| YUV | 133.6910, -7.7357, 54.6450 |
| Hunter-Lab | 48.1112, 31.1453, 9.0579 |

Details

The Yxy color **23.1469, 0.4189, 0.3119** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **45.9003, 0.2587, 0.3481**, and the grayscale version is **23.7373, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.6160, 0.3955, 0.3166**, and **8.5695, 0.4603, 0.3017** is the 20% darker color. If you saturate the color by 10%, you get **19.2405, 0.4564, 0.3092**, and if you desaturate by 10%, it is **28.0468, 0.3870, 0.3154**.

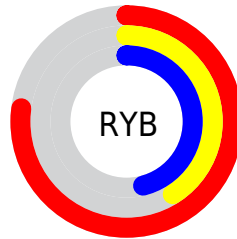
Distribution



Red (77%)

Green (41%)

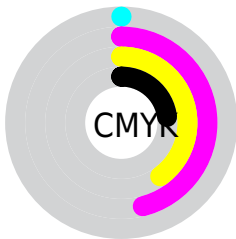
Blue (46%)



Red (77%)

Yellow (41%)

Blue (46%)

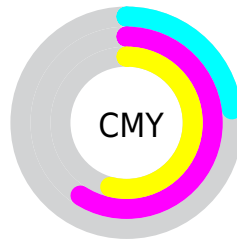


Cyan (0%)

Magenta (46%)

Yellow (40%)

Black (23%)



Cyan (23%)


Magenta (59%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.1469, 0.4189, 0.3119 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 23.1469, 0.4189, 0.3119 by changing the saturation by 10% instead.


 23.1469, 0.4189,
0.3119


 23.1469, 0.4189,
0.3119


268.4786, 0.3592,
0.3228


 14.7020, 0.4363,
0.3081


 48.6344, 0.3955,
0.3166


 8.6105, 0.4603,
0.3025


 66.4459, 0.3872,
0.3181

 4.4880, 0.4953,
0.2934

 88.1483, 0.3804,
0.3193

 1.9501, 0.5505,
0.2770

 114.1260, 0.3748,
0.3203

 0.5783, 0.7383,
0.2617

144.7635, 0.3700,
0.3211

 0.0000, 1.0000,
0.0000

180.4452, 0.3659,


 0.0000, 0.0000,


0.3218


0.0000


221.5554, 0.3624,
0.3223


 23.1469, 0.4189,
0.3119


 23.1469, 0.4189,
0.3119


 19.2405, 0.4564,
0.3092


 28.0468, 0.3870,
0.3154


 16.2561, 0.4984,
0.3079

 33.9981, 0.3607,
0.3193

 14.1186, 0.5419,
0.3087


 41.0584, 0.3393,
0.3231

 12.7391, 0.5819,
0.3122

 49.2803, 0.3220,
0.3268

 12.0034, 0.6127,
0.3180

 58.7128, 0.3081,
0.3302

 11.8197, 0.6215,
0.3197

 69.4022, 0.2968,
0.3333

 81.3923, 0.2877,
0.3361

 90.3080, 0.2797,
0.3317

 90.4756, 0.2784,
0.3289

Harmonies

Analogous

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



23.1469, 0.3576, 0.2673



23.1469, 0.4189, 0.3119



23.1469, 0.4477, 0.3628

Triad

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



23.1469, 0.4189, 0.3119



23.1469, 0.3251, 0.4492



23.1469, 0.2006, 0.2350

Complementary

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



23.1469, 0.4189, 0.3119



45.9003, 0.2587, 0.3481

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.



23.1469, 0.1942, 0.2719



23.1469, 0.4189, 0.3119



23.1469, 0.2614, 0.4046

Square

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



23.1469, 0.4189, 0.3119



23.1469, 0.3887, 0.4478



23.1469, 0.2148, 0.3340



23.1469, 0.2327, 0.2242

Rectangle

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



23.1469, 0.4189, 0.3119



23.1469, 0.4435, 0.3966



23.1469, 0.2148, 0.3340



23.1469, 0.1955, 0.2443

Sweetspot

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



23.1481, 0.4189, 0.3119



77.4839, 0.3351, 0.3239



24.0769, 0.3029, 0.2121



15.9251, 0.3392, 0.3231



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.



23.1481, 0.4189, 0.3119



34.5761, 0.4582, 0.3091



30.6047, 0.4160, 0.3718



10.1009, 0.3267, 0.3257



7.6026, 0.6189, 0.3183



0.3362, 0.5669, 0.2897

Inverse Universe

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



23.1481, 0.4189, 0.3119



34.5761, 0.4582, 0.3091



33.5936, 0.2427, 0.2803



10.1009, 0.3267, 0.3257



7.6026, 0.6189, 0.3183



0.3362, 0.5669, 0.2897

Previews

White Background



This preview shows how the Yxy color 23.1469, 0.4189, 0.3119 looks on a white background.

Color Contrast Check

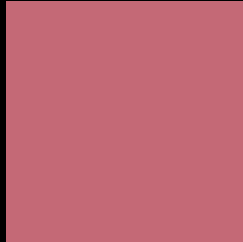
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.1469, 0.4189, 0.3119 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

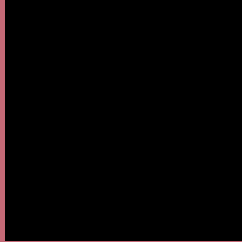
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.1469, 0.4189, 0.3119

Background



This preview shows how black text looks on a background with the Yxy color 23.1469, 0.4189, 0.3119.



This preview shows how white text looks on a background with the Yxy color 23.1469, 0.4189, 0.3119.

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

23.1469, 0.4189, 0.3119

Protanopia

23.3469, 0.3151, 0.3273

Deuteranopia

23.3286, 0.3580, 0.3524



Tritanopia

23.2361, 0.4255, 0.3200

Trichromacy



Original Color

23.1469, 0.4189, 0.3119

Protanomaly

22.6457, 0.3493, 0.3194

Deuteranomaly

22.9956, 0.3804, 0.3370

Tritanomaly

23.2816, 0.4227, 0.3173

Monochromacy



Original Color

23.1469, 0.4189, 0.3119

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

22.8925, 0.3490, 0.3210

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.1469, 0.4189, 0.3119 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(196, 105, 118)` looks like.

```
.text, #text, p{  
    color:rgb(196, 105, 118)  
}
```

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(196, 105, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 105, 118) }
```

Border

The CSS property to change the border of an element to Yxy 23.1469, 0.4189, 0.3119 is called "border". The border property can be set on classes, ids or directly on the HTML element.

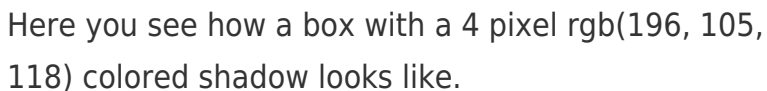
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 105, 118) }
```

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

```
.border{ border-color:rgb(196, 105, 118) }
```

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



Here you see how a box with a 4 pixel `rgb(196, 105, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 105, 118); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 105, 118); box-shadow:4px 4px 4px 4px rgb(196, 105, 118) }
```


Background

The CSS property to change the background color of an element to Yxy 23.1469, 0.4189, 0.3119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 105, 118) }
```

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

```
.background{ background-color: rgb(196,  
105, 118) }
```

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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