

Converting Colors

$Yxy(48.8830, 0.3098, 0.3026)$

Have a look what the booklet for
Yxy(48.8830, 0.3098, 0.3026)
contains.

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Color

Yxy(48.7771, 0.3098, 0.3021)

Conversions

Conversions Part 1

Format	Color
Hex	C5B4CA
RGB	197, 180, 202
RGB Percent	77%, 71%, 79%
CMY	0.2272, 0.2942, 0.2078
CMYK	0.02, 0.11, 0.00, 0.21
HSL	287°, 17%, 75%
HSV	287°, 11%, 79%
XYZ	50.0203, 48.7771, 62.6627
YIQ	187.5910, 3.0700, 10.4460

Conversions

Conversions Part 2

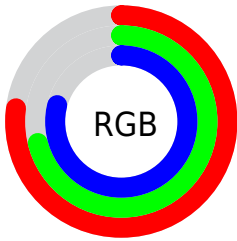
Format	Color
R _Y B	197, 180, 202
Decimal	12956874
CIE Lab	75.31, 10.09, -8.92
CIE LCh	75, 13.473, 318.521
Yxy	48.7771, 0.3098, 0.3021
Android (android.graphics.Color)	4291146954 (0xFFC5B4CA)
YUV	187.5910, 7.1036, 8.2517
Hunter-Lab	69.8406, 5.6219, -4.3080

Details

The Yxy color $48.7771, 0.3098, 0.3021$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $55.8479, 0.3152, 0.3567$, and the grayscale version is $50.0082, 0.3127, 0.3290$.

A 20% lighter version of the original color is $88.2817, 0.3129, 0.3107$, and $23.1565, 0.3086, 0.2945$ is the 20% darker color. If you saturate the color by 10%, you get $40.6054, 0.3065, 0.2762$, and if you desaturate by 10%, it is $58.1602, 0.3125, 0.3268$.

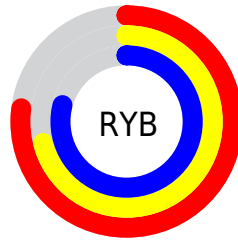
Distribution



Red (77%)

Green (71%)

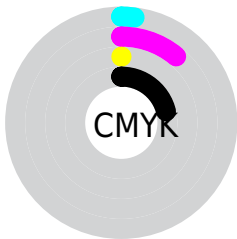
Blue (79%)



Red (77%)

Yellow (71%)

Blue (79%)

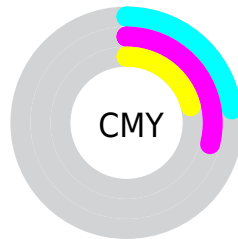


Cyan (2%)

Magenta (11%)

Yellow (0%)

Black (21%)



Cyan (23%)


Magenta (29%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.7771, 0.3098, 0.3021 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 48.7771, 0.3098, 0.3021 by changing the saturation by 10% instead.


 48.7771, 0.3098,
0.3021

 48.7771, 0.3098,
0.3021

381.8642, 0.3114,
0.3152

 34.4427, 0.3094,
0.2989


 88.3603, 0.3104,
0.3068

 23.2339, 0.3088,
0.2949

114.3779, 0.3106,
0.3086

 14.7663, 0.3081,
0.2897


145.0587, 0.3108,
0.3101

 8.6555, 0.3070,
0.2825

180.7870, 0.3109,
0.3114

 4.5172, 0.3053,
0.2723

221.9474, 0.3111,
0.3125

 1.9669, 0.3023,
0.2562

268.9241, 0.3112,

 0.5881, 0.2994,

0.3135

0.2186

322.1015, 0.3113,
0.3144

0.0000, 0.0000,
0.0000

48.7771, 0.3098,
0.3021

48.7771, 0.3098,
0.3021

40.6054, 0.3065,
0.2762

58.1602, 0.3125,
0.3268

33.5873, 0.3026,
0.2497

68.7965, 0.3147,
0.3500

27.6699, 0.2982,
0.2234

80.7338, 0.3164,
0.3715

22.7935, 0.2931,
0.1982

90.2662, 0.3182,
0.3855

18.8927, 0.2875,
0.1753

90.9643, 0.3211,
0.3850

■ 15.8948, 0.2816,
0.1557

■ 91.6816, 0.3240,
0.3845

■ 13.7164, 0.2756,
0.1403

■ 92.4184, 0.3269,
0.3840

■ 12.2585, 0.2696,
0.1295

■ 93.1746, 0.3299,
0.3835

■ 11.3925, 0.2642,
0.1229

■ 93.9506, 0.3329,
0.3830

Harmonies

Analogous

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



48.7771, 0.2924, 0.2978



48.7771, 0.3098, 0.3021



48.7771, 0.3285, 0.3130

Triad

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



48.7771, 0.3098, 0.3021



48.7771, 0.3455, 0.3562



48.7771, 0.2831, 0.3288

Complementary

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



48.7771, 0.3098, 0.3021



55.8479, 0.3152, 0.3567

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.



48.7771, 0.2967, 0.3458



48.7771, 0.3098, 0.3021



48.7771, 0.3327, 0.3617

Square

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



48.7771, 0.3098, 0.3021



48.7771, 0.3494, 0.3437



48.7771, 0.3148, 0.3580



48.7771, 0.2773, 0.3126

Rectangle

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



48.7771, 0.3098, 0.3021



48.7771, 0.3390, 0.3228



48.7771, 0.3148, 0.3580



48.7771, 0.2869, 0.3347

Sweetspot

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



48.7792, 0.3098, 0.3021



94.8911, 0.3120, 0.3217



48.7159, 0.2958, 0.3076



20.0254, 0.3118, 0.3197



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.



48.7792, 0.3098, 0.3021



79.2567, 0.3091, 0.2963



49.1860, 0.3187, 0.3094



11.2716, 0.3102, 0.3059



7.3710, 0.2650, 0.1234



0.4124, 0.2765, 0.1297

Inverse Universe

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



48.6943, 0.3278, 0.3229



79.0970, 0.3314, 0.3216



55.4874, 0.3073, 0.3494



11.2543, 0.3255, 0.3238



8.2152, 0.5988, 0.3072



0.4357, 0.5425, 0.2762

Previews

White Background



This preview shows how the Yxy color 48.7771, 0.3098, 0.3021 looks on a white background.

Color Contrast Check

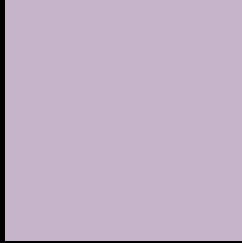
Large Text (above 18pt) WCAG AA × Fail

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 48.7771, 0.3098, 0.3021 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

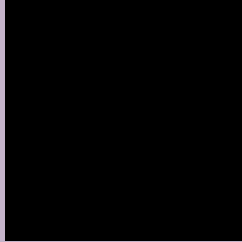
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.7771, 0.3098, 0.3021

Background



This preview shows how black text looks on a background with the Yxy color 48.7771, 0.3098, 0.3021.



This preview shows how white text looks on a background with the Yxy color 48.7771, 0.3098, 0.3021.

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

48.7771, 0.3098, 0.3021

Protanopia

48.7560, 0.2960, 0.3026

Deuteranopia

48.6425, 0.3089, 0.3021



Tritanopia

48.7236, 0.3144, 0.3117

Trichromacy



Original Color

48.7771, 0.3098, 0.3021

Protanomaly

48.9180, 0.3008, 0.3029

Deuteranomaly

48.6425, 0.3089, 0.3021

Tritanomaly

48.8607, 0.3120, 0.3081

Monochromacy



Original Color

48.7771, 0.3098, 0.3021

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

49.6245, 0.3115, 0.3190

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.7771, 0.3098, 0.3021 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, 180, 202)` looks like.

```
.text, #text, p{  
    color:rgb(197, 180, 202)  
}
```

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, 180, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 180, 202) }
```

Border

The CSS property to change the border of an element to Yxy 48.7771, 0.3098, 0.3021 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, 180, 202) }
```

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

```
.border{ border-color:rgb(197, 180, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 180, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 180, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 180, 202);  
box-shadow:4px 4px 4px 4px rgb(197, 180,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 48.7771, 0.3098, 0.3021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 180, 202) }
```

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

```
.background{ background-color: rgb(197,  
180, 202) }
```

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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