

Converting Colors

$Yxy(47.7152, 0.3136, 0.3047)$

Have a look what the booklet for
Yxy(47.7152, 0.3136, 0.3047)
contains.

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Color

Yxy(47.7883, 0.3130, 0.3044)

Conversions

Conversions Part 1

Format	Color
Hex	C5B2C6
RGB	197, 178, 198
RGB Percent	77%, 70%, 78%
CMY	0.2275, 0.3019, 0.2235
CMYK	0.01, 0.10, 0.00, 0.22
HSL	297°, 15%, 74%
HSV	297°, 10%, 78%
XYZ	49.1384, 47.7883, 60.0651
YIQ	185.9610, 4.9040, 10.2480

Conversions

Conversions Part 2

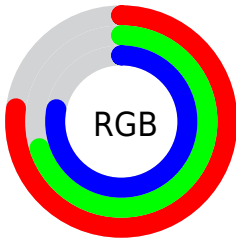
Format	Color
R _Y B	197, 178, 198
Decimal	12956358
CIE Lab	74.69, 10.39, -7.66
CIE LCh	75, 12.907, 323.575
Yxy	47.7883, 0.3130, 0.3044
Android (android.graphics.Color)	4291146438 (0xFFC5B2C6)
YUV	185.9610, 5.9352, 9.6812
Hunter-Lab	69.1291, 5.9057, -3.1257

Details

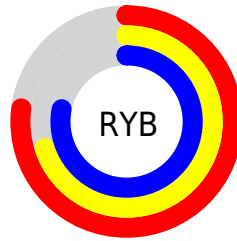
The Yxy color $47.7883, 0.3130, 0.3044$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $53.1934, 0.3123, 0.3548$, and the grayscale version is $49.0448, 0.3127, 0.3290$.

A 20% lighter version of the original color is $87.1365, 0.3130, 0.3087$, and $22.5205, 0.3130, 0.2975$ is the 20% darker color. If you saturate the color by 10%, you get $40.3355, 0.3132, 0.2794$, and if you desaturate by 10%, it is $56.3834, 0.3127, 0.3288$.

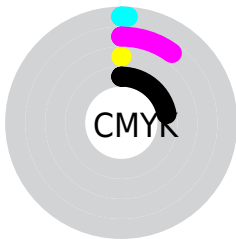
Distribution



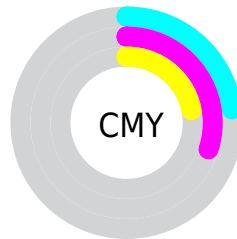
- Red (77%)
- Green (70%)
- Blue (78%)



- Red (77%)
- Yellow (70%)
- Blue (78%)



- Cyan (1%)
- Magenta (10%)
- Yellow (0%)
- Black (22%)





- Cyan (23%)
- Magenta (30%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.7883, 0.3130, 0.3044 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 47.7883, 0.3130, 0.3044 by changing the saturation by 10% instead.


 47.7883, 0.3130,
0.3044

 47.7883, 0.3130,
0.3044


377.9524, 0.3130,
0.3164

 33.6593, 0.3130,
0.3015


 86.8891, 0.3130,
0.3087

 22.6320, 0.3129,
0.2978


112.6297, 0.3130,
0.3104

 14.3220, 0.3129,
0.2929


143.0096, 0.3130,
0.3117

 8.3450, 0.3127,
0.2862

178.4132, 0.3130,
0.3129

 4.3165, 0.3124,
0.2766

219.2248, 0.3130,
0.3140

 1.8521, 0.3116,
0.2614

265.8290, 0.3130,

 0.5193, 0.3147,

0.3149

0.2187

318.6101, 0.3130,
0.3157

0.0000, 0.0000,
0.0000

47.7883, 0.3130,
0.3044

47.7883, 0.3130,
0.3044

40.3355, 0.3132,
0.2794

56.3834, 0.3127,
0.3288

33.9704, 0.3132,
0.2543

66.1604, 0.3124,
0.3519

28.6431, 0.3131,
0.2300

77.1642, 0.3119,
0.3737

24.2973, 0.3127,
0.2075

88.0176, 0.3116,
0.3916

20.8714, 0.3122,
0.1877

88.1575, 0.3122,
0.3914

■ 18.2969, 0.3114,
0.1714

■ 88.2983, 0.3128,
0.3913

■ 16.4957, 0.3105,
0.1593

■ 88.4401, 0.3135,
0.3912

■ 15.3755, 0.3094,
0.1514

■ 88.5828, 0.3141,
0.3911

■ 14.7623, 0.3082,
0.1471

■ 88.7264, 0.3147,
0.3910

Harmonies

Analogous

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



47.7883, 0.2957, 0.2991



47.7883, 0.3130, 0.3044



47.7883, 0.3307, 0.3158

Triad

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



47.7883, 0.3130, 0.3044



47.7883, 0.3428, 0.3567



47.7883, 0.2826, 0.3260

Complementary

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



47.7883, 0.3130, 0.3044



53.1934, 0.3123, 0.3548

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.



47.7883, 0.2946, 0.3426



47.7883, 0.3130, 0.3044



47.7883, 0.3293, 0.3606

Square

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



47.7883, 0.3130, 0.3044



47.7883, 0.3482, 0.3456



47.7883, 0.3116, 0.3555



47.7883, 0.2785, 0.3109

Rectangle

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



47.7883, 0.3130, 0.3044



47.7883, 0.3402, 0.3256



47.7883, 0.3116, 0.3555



47.7883, 0.2858, 0.3317

Sweetspot

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



47.7904, 0.3130, 0.3044



95.1421, 0.3128, 0.3217



45.9201, 0.2971, 0.3049



20.0934, 0.3128, 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.



47.7904, 0.3130, 0.3044



81.7129, 0.3130, 0.2992



47.5394, 0.3209, 0.3150



10.7881, 0.3130, 0.3062



9.6109, 0.3084, 0.1472



0.4637, 0.3111, 0.1488

Inverse Universe

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



47.1060, 0.3295, 0.3278



80.2751, 0.3334, 0.3275



53.4320, 0.3053, 0.3435



10.6455, 0.3282, 0.3279



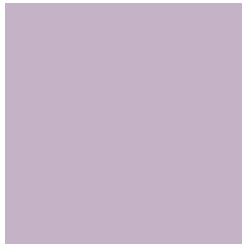
7.8258, 0.6339, 0.3266



0.3737, 0.6127, 0.3149

Previews

White Background



This preview shows how the Yxy color 47.7883, 0.3130, 0.3044 looks on a white background.

Color Contrast Check

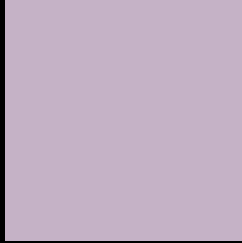
Large Text (above 18pt) WCAG AA × Fail

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 47.7883, 0.3130, 0.3044 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

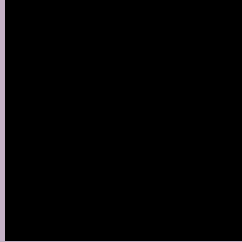
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.7883, 0.3130, 0.3044

Background



This preview shows how black text looks on a background with the Yxy color 47.7883, 0.3130, 0.3044.



This preview shows how white text looks on a background with the Yxy color 47.7883, 0.3130, 0.3044.

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

47.7883, 0.3130, 0.3044

Protanopia

48.0291, 0.2981, 0.3062

Deuteranopia

47.9195, 0.3113, 0.3055



Tritanopia

47.8262, 0.3161, 0.3116

Trichromacy



Original Color

47.7883, 0.3130, 0.3044

Protanomaly

47.7827, 0.3030, 0.3051

Deuteranomaly

48.0532, 0.3121, 0.3056

Tritanomaly

47.9161, 0.3145, 0.3092

Monochromacy



Original Color

47.7883, 0.3130, 0.3044

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

48.5318, 0.3131, 0.3202

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.7883, 0.3130, 0.3044 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, 178, 198)` looks like.

```
.text, #text, p{  
    color:rgb(197, 178, 198)  
}
```

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, 178, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 178, 198) }
```

Border

The CSS property to change the border of an element to Yxy 47.7883, 0.3130, 0.3044 is called "border". The border property can be set on classes, ids or directly on the HTML element.

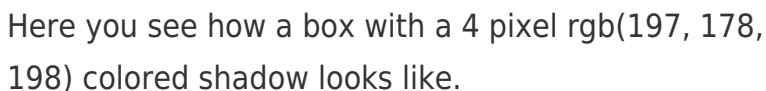
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 178, 198) }
```

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

```
.border{ border-color:rgb(197, 178, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 178, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 178, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 178, 198); box-shadow:4px 4px 4px 4px rgb(197, 178, 198) }
```


Background

The CSS property to change the background color of an element to Yxy 47.7883, 0.3130, 0.3044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 178, 198) }
```

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

```
.background{ background-color: rgb(197,  
178, 198) }
```

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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