

Converting Colors

$Yxy(47.8331, 0.3096, 0.3043)$

Have a look what the booklet for
Yxy(47.8331, 0.3096, 0.3043)
contains.

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Color

Yxy(47.8331, 0.3096, 0.3043)

Conversions

Conversions Part 1

Format	Color
Hex	C2B3C7
RGB	194, 179, 199
RGB Percent	76%, 70%, 78%
CMY	0.2394, 0.2980, 0.2197
CMYK	0.03, 0.10, 0.00, 0.22
HSL	285°, 15%, 74%
HSV	285°, 10%, 78%
XYZ	48.6662, 47.8331, 60.6913
YIQ	185.7650, 2.5200, 9.4000

Conversions

Conversions Part 2

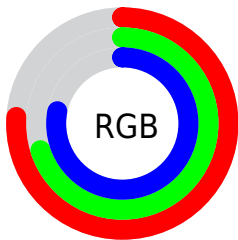
Format	Color
RYB	194, 179, 199
Decimal	12760007
CIELab	74.72, 8.97, -8.18
CIELCh	75, 12.144, 317.638
Yxy	47.8331, 0.3096, 0.3043
Android (android.graphics.Color)	4290950087 (0xFFC2B3C7)
YUV	185.7650, 6.5249, 7.2221
Hunter-Lab	69.1615, 4.5708, -3.6157

Details

The Yxy color $47.8331, 0.3096, 0.3043$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $54.2933, 0.3155, 0.3543$, and the grayscale version is $48.9240, 0.3127, 0.3290$.

A 20% lighter version of the original color is $87.1459, 0.3110, 0.3096$, and $22.5415, 0.3084, 0.2972$ is the 20% darker color. If you saturate the color by 10%, you get $39.7723, 0.3059, 0.2784$, and if you desaturate by 10%, it is $57.0715, 0.3127, 0.3289$.

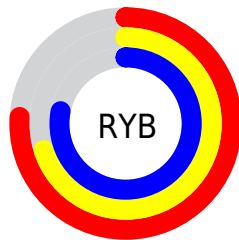
Distribution



Red (76%)

Green (70%)

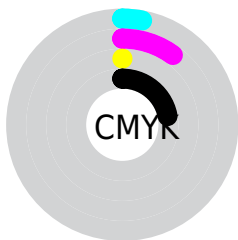
Blue (78%)



Red (76%)

Yellow (70%)

Blue (78%)

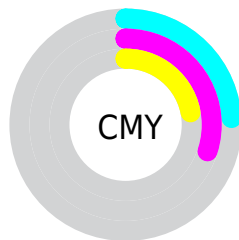


Cyan (3%)

Magenta (10%)

Yellow (0%)

Black (22%)



Cyan (24%)


Magenta (30%)


Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.8331, 0.3096, 0.3043 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 47.8331, 0.3096, 0.3043 by changing the saturation by 10% instead.

 47.8331, 0.3096,
0.3043

 47.8331, 0.3096,
0.3043


378.1302, 0.3112,
0.3164

 33.6947, 0.3092,
0.3014


 86.9559, 0.3102,
0.3086

 22.6592, 0.3086,
0.2976


112.7090, 0.3104,
0.3103

 14.3421, 0.3078,
0.2927


143.1026, 0.3106,
0.3117

 8.3590, 0.3067,
0.2860

178.5210, 0.3108,
0.3129

 4.3255, 0.3050,
0.2763

219.3485, 0.3109,
0.3139

 1.8572, 0.3019,
0.2609

265.9696, 0.3110,


 0.5225, 0.2994,


0.3149

0.2186


318.7687, 0.3111,
0.3157


 0.0000, 0.0000,
0.0000

 47.8331, 0.3096,
0.3043


 47.8331, 0.3096,
0.3043

 39.7723, 0.3059,
0.2784


 57.0715, 0.3127,
0.3289

 32.8335, 0.3014,
0.2517


 67.5276, 0.3152,
0.3519


 26.9661, 0.2963,
0.2250

 79.2473, 0.3173,
0.3731

 22.1129, 0.2906,
0.1993

 89.9425, 0.3192,
0.3890

 18.2114, 0.2843,
0.1757

 90.7093, 0.3224,
0.3884

■ 15.1921, 0.2777,
0.1552

■ 91.4995, 0.3256,
0.3878

■ 12.9758, 0.2708,
0.1388

■ 92.3135, 0.3288,
0.3872

■ 11.4687, 0.2641,
0.1270

■ 93.1512, 0.3321,
0.3866

■ 10.4944, 0.2575,
0.1192

■ 94.0131, 0.3354,
0.3860

Harmonies

Analogous

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



47.8331, 0.2939, 0.3006



47.8331, 0.3096, 0.3043



47.8331, 0.3266, 0.3141

Triad

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



47.8331, 0.3096, 0.3043



47.8331, 0.3427, 0.3535



47.8331, 0.2861, 0.3294

Complementary

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



47.8331, 0.3096, 0.3043



54.2933, 0.3155, 0.3543

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.



47.8331, 0.2986, 0.3446



47.8331, 0.3096, 0.3043



47.8331, 0.3313, 0.3586

Square

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



47.8331, 0.3096, 0.3043



47.8331, 0.3460, 0.3421



47.8331, 0.3151, 0.3555



47.8331, 0.2806, 0.3145

Rectangle

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



47.8331, 0.3096, 0.3043



47.8331, 0.3362, 0.3230



47.8331, 0.3151, 0.3555



47.8331, 0.2896, 0.3346

Sweetspot

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



47.8352, 0.3096, 0.3043



94.8518, 0.3118, 0.3217



48.1343, 0.2973, 0.3103



20.0148, 0.3116, 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.



47.8352, 0.3096, 0.3043



80.5723, 0.3089, 0.2988



48.2993, 0.3176, 0.3102



10.6768, 0.3098, 0.3060



6.7925, 0.2584, 0.1197



0.3545, 0.2720, 0.1272

Inverse Universe

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



47.8526, 0.3260, 0.3228



80.6194, 0.3292, 0.3214



53.8741, 0.3082, 0.3485



10.6801, 0.3251, 0.3232



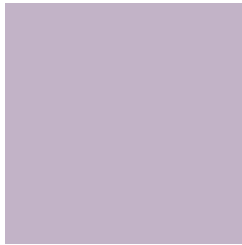
7.9688, 0.5901, 0.3025



0.3894, 0.5289, 0.2687

Previews

White Background



This preview shows how the Yxy color 47.8331, 0.3096, 0.3043 looks on a white background.

Color Contrast Check

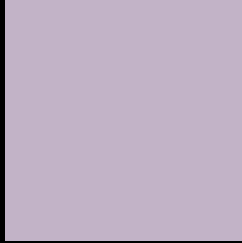
Large Text (above 18pt) WCAG AA × Fail

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 47.8331, 0.3096, 0.3043 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

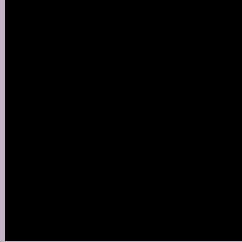
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.8331, 0.3096, 0.3043

Background



This preview shows how black text looks on a background with the Yxy color 47.8331, 0.3096, 0.3043.



This preview shows how white text looks on a background with the Yxy color 47.8331, 0.3096, 0.3043.

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

47.8331, 0.3096, 0.3043

Protanopia

48.0291, 0.2981, 0.3062

Deuteranopia

47.9658, 0.3105, 0.3043



Tritanopia

47.8750, 0.3127, 0.3115

Trichromacy



Original Color

47.8331, 0.3096, 0.3043

Protanomaly

48.0651, 0.3021, 0.3064

Deuteranomaly

47.9658, 0.3105, 0.3043

Tritanomaly

47.9655, 0.3111, 0.3091

Monochromacy



Original Color

47.8331, 0.3096, 0.3043

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

48.4474, 0.3115, 0.3189

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.8331, 0.3096, 0.3043 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, 179, 199)` looks like.

```
.text, #text, p{  
    color:rgb(194, 179, 199)  
}
```

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, 179, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 179, 199) }
```

Border

The CSS property to change the border of an element to Yxy 47.8331, 0.3096, 0.3043 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, 179, 199) }
```

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

```
.border{ border-color:rgb(194, 179, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 179, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 179, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 179, 199);  
box-shadow:4px 4px 4px 4px rgb(194, 179,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 47.8331, 0.3096, 0.3043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 179, 199) }
```

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

```
.background{ background-color: rgb(194,  
179, 199) }
```

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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