

Converting Colors

$Yxy(47.9975, 0.3043, 0.3137)$

Have a look what the booklet for
Yxy(47.9975, 0.3043, 0.3137)
contains.

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Color

Yxy(47.9975, 0.3043, 0.3137)

Conversions

Conversions Part 1

Format	Color
Hex	B8B7C3
RGB	184, 183, 195
RGB Percent	72%, 72%, 76%
CMY	0.2783, 0.2824, 0.2352
CMYK	0.06, 0.06, 0.00, 0.24
HSL	245°, 9%, 74%
HSV	245°, 6%, 76%
XYZ	46.5593, 47.9975, 58.4477
YIQ	184.6670, -3.2560, 3.9440

Conversions

Conversions Part 2

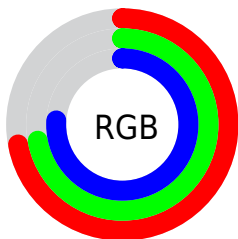
Format	Color
RYB	184, 183, 195
Decimal	12105667
CIELab	74.82, 2.67, -5.95
CIELCh	75, 6.521, 294.151
Yxy	47.9975, 0.3043, 0.3137
Android (android.graphics.Color)	4290295747 (0xFFB8B7C3)
YUV	184.6670, 5.0942, -0.5850
Hunter-Lab	69.2802, -1.2808, -1.5234

Details

The Yxy color $47.9975, 0.3043, 0.3137$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $53.9194, 0.3209, 0.3439$, and the grayscale version is $48.2981, 0.3127, 0.3290$.

A 20% lighter version of the original color is $87.2865, 0.3055, 0.3161$, and $22.7136, 0.3023, 0.3100$ is the 20% darker color. If you saturate the color by 10%, you get $38.4428, 0.2891, 0.2863$, and if you desaturate by 10%, it is $58.9474, 0.3176, 0.3379$.

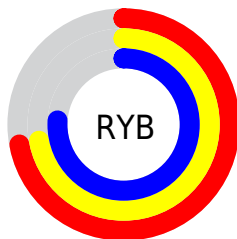
Distribution



Red (72%)

Green (72%)

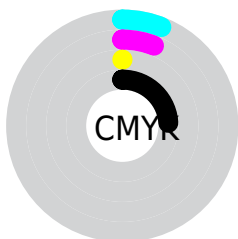
Blue (76%)



Red (72%)

Yellow (72%)

Blue (76%)

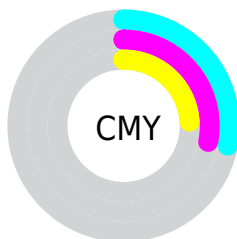


Cyan (6%)

Magenta (6%)

Yellow (0%)

Black (24%)



Cyan (28%)

Magenta (28%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.9975, 0.3043, 0.3137 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 47.9975, 0.3043, 0.3137 by changing the saturation by 10% instead.

■ 47.9975, 0.3043,
0.3137

■ 47.9975, 0.3043,
0.3137

378.7822, 0.3085,
0.3213

■ 33.8249, 0.3033,
0.3118

■ 87.2007, 0.3058,
0.3164

■ 22.7591, 0.3019,
0.3095

113.0001, 0.3064,
0.3175

■ 14.4157, 0.3001,
0.3063

143.4438, 0.3069,
0.3183

■ 8.4104, 0.2976,
0.3020

178.9164, 0.3073,
0.3191

■ 4.3587, 0.2939,
0.2956

219.8021, 0.3077,
0.3197

■ 1.8761, 0.2878,
0.2852

266.4854, 0.3080,

■ 0.5340, 0.2721,

0.3203

0.2537

319.3506, 0.3083,
0.3208

0.0000, 0.0000,
0.0000

47.9975, 0.3043,
0.3137

47.9975, 0.3043,
0.3137

38.4428, 0.2891,
0.2863

58.9474, 0.3176,
0.3379

30.2214, 0.2719,
0.2559

71.3391, 0.3291,
0.3591

23.2757, 0.2530,
0.2229

85.2243, 0.3389,
0.3774

17.5418, 0.2330,
0.1884

96.7208, 0.3484,
0.3880

12.9500, 0.2126,
0.1541

■ 9.4236, 0.1933,
0.1224

■ 6.8765, 0.1765,
0.0957

■ 5.2088, 0.1634,
0.0761

■ 4.2956, 0.1549,
0.0646

Harmonies

Analogous

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



47.9975, 0.2978, 0.3149



47.9975, 0.3043, 0.3137



47.9975, 0.3131, 0.3165

Triad

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



47.9975, 0.3043, 0.3137



47.9975, 0.3305, 0.3377



47.9975, 0.3035, 0.3357

Complementary

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



47.9975, 0.3043, 0.3137



53.9194, 0.3209, 0.3439

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.



47.9975, 0.3121, 0.3420



47.9975, 0.3043, 0.3137



47.9975, 0.3278, 0.3431

Square

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



47.9975, 0.3043, 0.3137



47.9975, 0.3284, 0.3302



47.9975, 0.3210, 0.3448



47.9975, 0.2973, 0.3275

Rectangle

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



47.9975, 0.3043, 0.3137



47.9975, 0.3192, 0.3202



47.9975, 0.3210, 0.3448



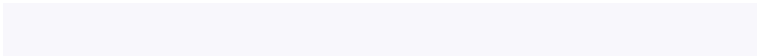
47.9975, 0.3062, 0.3381

Sweetspot

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



47.9995, 0.3043, 0.3137



93.7515, 0.3100, 0.3241



52.5958, 0.3033, 0.3277



20.5729, 0.3102, 0.3243



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.



47.9995, 0.3043, 0.3137



84.2349, 0.3029, 0.3113



48.7518, 0.3092, 0.3139



10.1955, 0.3024, 0.3103



2.6545, 0.1533, 0.0618



0.1293, 0.1646, 0.0681

Inverse Universe

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



49.3606, 0.3142, 0.3154



87.0286, 0.3145, 0.3133



53.1464, 0.3160, 0.3441



10.5539, 0.3146, 0.3125



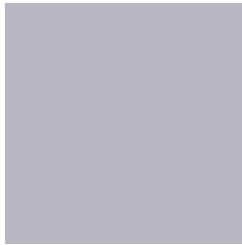
9.6352, 0.3439, 0.1668



0.4209, 0.3382, 0.1637

Previews

White Background



This preview shows how the Yxy color 47.9975, 0.3043, 0.3137 looks on a white background.

Color Contrast Check

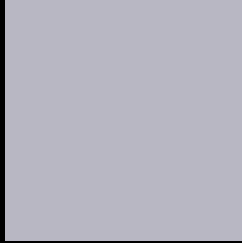
Large Text (above 18pt) WCAG AA × Fail

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 47.9975, 0.3043, 0.3137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

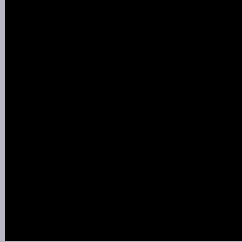
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

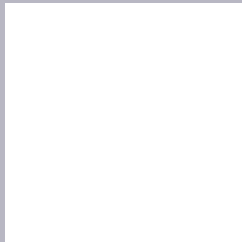
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.9975, 0.3043, 0.3137

Background



This preview shows how black text looks on a background with the Yxy color 47.9975, 0.3043, 0.3137.

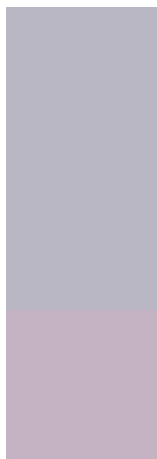


This preview shows how white text looks on a background with the Yxy color 47.9975, 0.3043, 0.3137.

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

47.9975, 0.3043, 0.3137

Protanopia

47.9975, 0.3043, 0.3137

Deuteranopia

48.0960, 0.3146, 0.3081



Tritanopia

48.0885, 0.3028, 0.3112

Trichromacy



Original Color

47.9975, 0.3043, 0.3137

Protanomaly

47.9975, 0.3043, 0.3137

Deuteranomaly

47.8345, 0.3103, 0.3090

Tritanomaly

48.0428, 0.3035, 0.3125

Monochromacy



Original Color

47.9975, 0.3043, 0.3137

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

48.2694, 0.3097, 0.3226

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.9975, 0.3043, 0.3137 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(184, 183, 195)` looks like.

```
.text, #text, p{  
    color:rgb(184, 183, 195)  
}
```

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(184, 183, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 183, 195) }
```

Border

The CSS property to change the border of an element to Yxy 47.9975, 0.3043, 0.3137 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(184, 183, 195) }
```

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

```
.border{ border-color:rgb(184, 183, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 183, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 183, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 183, 195);  
box-shadow:4px 4px 4px 4px rgb(184, 183,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 47.9975, 0.3043, 0.3137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 183, 195) }
```

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

```
.background{ background-color: rgb(184,  
183, 195) }
```

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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