

Converting Colors

$Yxy(47.8106, 0.3028, 0.3158)$

Have a look what the booklet for
Yxy(47.8106, 0.3028, 0.3158)
contains.

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Color

Yxy(47.9998, 0.3026, 0.3162)

Conversions

Conversions Part 1

Format	Color
Hex	B5B8C2
RGB	181, 184, 194
RGB Percent	71%, 72%, 76%
CMY	0.2901, 0.2784, 0.2393
CMYK	0.07, 0.05, 0.00, 0.24
HSL	226°, 10%, 74%
HSV	226°, 7%, 76%
XYZ	45.9353, 47.9998, 57.8669
YIQ	184.2430, -4.9980, 2.4740

Conversions

Conversions Part 2

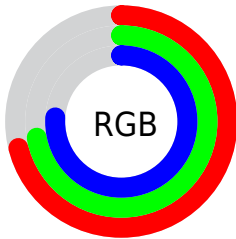
Format	Color
R _Y B	181, 183, 194
Decimal	11909314
CIE Lab	74.82, 0.89, -5.41
CIE LCh	75, 5.481, 279.378
Yxy	47.9998, 0.3026, 0.3162
Android (android.graphics.Color)	4290099394 (0xFFB5B8C2)
YUV	184.2430, 4.8102, -2.8441
Hunter-Lab	69.2819, -2.8942, -1.0240

Details

The Yxy color **47.9998, 0.3026, 0.3162** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.0624, 0.3228, 0.3415**, and the grayscale version is **48.0509, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.2268, 0.3048, 0.3190**, and **22.7152, 0.3000, 0.3132** is the 20% darker color. If you saturate the color by 10%, you get **39.9364, 0.2863, 0.2950**, and if you desaturate by 10%, it is **57.0489, 0.3175, 0.3350**.

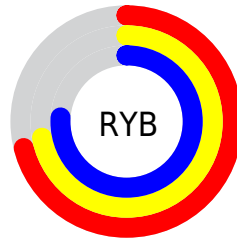
Distribution



Red (71%)

Green (72%)

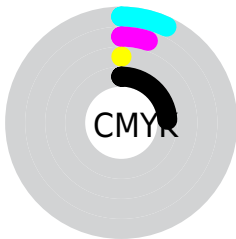
Blue (76%)



Red (71%)

Yellow (72%)

Blue (76%)

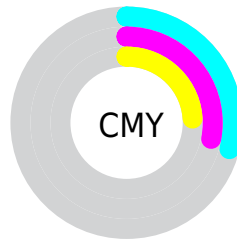


Cyan (7%)

Magenta (5%)

Yellow (0%)

Black (24%)



Cyan (29%)

Magenta (28%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.9998, 0.3026, 0.3162 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 47.9998, 0.3026, 0.3162 by changing the saturation by 10% instead.

■ 47.9998, 0.3026,
0.3162

■ 47.9998, 0.3026,
0.3162

378.7913, 0.3076,
0.3226

■ 33.8267, 0.3013,
0.3146

■ 87.2041, 0.3044,
0.3185

■ 22.7605, 0.2997,
0.3126

113.0041, 0.3051,
0.3194

■ 14.4168, 0.2976,
0.3100

143.4486, 0.3057,
0.3201

■ 8.4111, 0.2947,
0.3063

178.9219, 0.3062,
0.3207

■ 4.3591, 0.2903,
0.3008

219.8084, 0.3066,
0.3213

■ 1.8764, 0.2831,
0.2919

266.4926, 0.3070,

■ 0.5341, 0.2617,

0.3218

0.2640

319.3587, 0.3073,
0.3222

0.0000, 0.0000,
0.0000

47.9998, 0.3026,
0.3162

47.9998, 0.3026,
0.3162

39.9364, 0.2863,
0.2950

57.0489, 0.3175,
0.3350

32.8190, 0.2687,
0.2713

67.1095, 0.3310,
0.3514

26.6140, 0.2502,
0.2453

78.2142, 0.3431,
0.3658

21.2835, 0.2312,
0.2175

89.7008, 0.3514,
0.3786

16.7868, 0.2124,
0.1887

96.6739, 0.3490,
0.3890

■ 13.0800, 0.1949,
0.1601

■ 10.1148, 0.1796,
0.1330

■ 7.8369, 0.1675,
0.1092

■ 6.1811, 0.1591,
0.0899

Harmonies

Analogous

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



47.9998, 0.2986, 0.3189



47.9998, 0.3026, 0.3162



47.9998, 0.3093, 0.3169

Triad

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



47.9998, 0.3026, 0.3162



47.9998, 0.3273, 0.3334



47.9998, 0.3084, 0.3375

Complementary

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



47.9998, 0.3026, 0.3162



52.0624, 0.3228, 0.3415

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.



47.9998, 0.3160, 0.3415



47.9998, 0.3026, 0.3162



47.9998, 0.3270, 0.3390

Square

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



47.9998, 0.3026, 0.3162



47.9998, 0.3236, 0.3267



47.9998, 0.3229, 0.3420



47.9998, 0.3019, 0.3312

Rectangle

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



47.9998, 0.3026, 0.3162



47.9998, 0.3144, 0.3191



47.9998, 0.3229, 0.3420



47.9998, 0.3109, 0.3392

Sweetspot

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



48.0018, 0.3026, 0.3162



94.3851, 0.3097, 0.3252



52.1580, 0.3047, 0.3328



20.7050, 0.3099, 0.3254



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.



48.0018, 0.3026, 0.3162



84.7655, 0.3003, 0.3133



47.1998, 0.3055, 0.3125



10.1156, 0.2983, 0.3107



3.8812, 0.1574, 0.0865



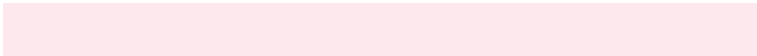
0.2762, 0.1695, 0.1303

Inverse Universe

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



47.9833, 0.3215, 0.3253



84.7445, 0.3235, 0.3244



52.9235, 0.3196, 0.3453



10.1150, 0.3254, 0.3237



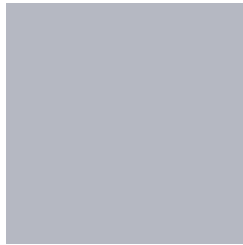
7.6740, 0.5967, 0.3061



0.3425, 0.5323, 0.2706

Previews

White Background



This preview shows how the Yxy color 47.9998, 0.3026, 0.3162 looks on a white background.

Color Contrast Check

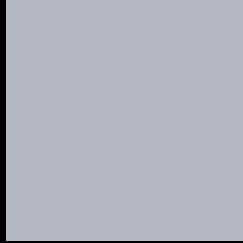
Large Text (above 18pt) WCAG AA × Fail

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 47.9998, 0.3026, 0.3162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

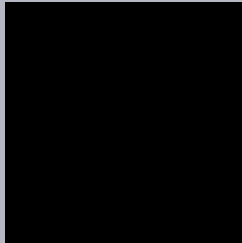
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

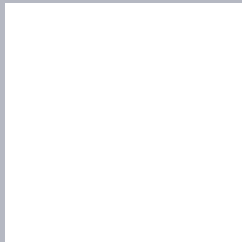
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.9998, 0.3026, 0.3162

Background



This preview shows how black text looks on a background with the Yxy color 47.9998, 0.3026, 0.3162.

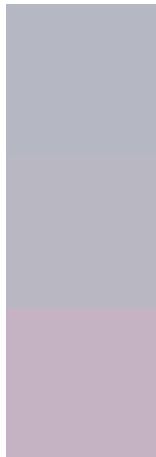


This preview shows how white text looks on a background with the Yxy color 47.9998, 0.3026, 0.3162.

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

47.9998, 0.3026, 0.3162

Protanopia

48.0315, 0.3066, 0.3163

Deuteranopia

48.0506, 0.3154, 0.3093



Tritanopia

47.8893, 0.3004, 0.3099

Trichromacy



Original Color

47.9998, 0.3026, 0.3162

Protanomaly

47.9076, 0.3058, 0.3162

Deuteranomaly

48.0642, 0.3102, 0.3115

Tritanomaly

47.8433, 0.3011, 0.3111

Monochromacy



Original Color

47.9998, 0.3026, 0.3162

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

47.9791, 0.3088, 0.3239

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.9998, 0.3026, 0.3162 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(181, 184, 194)` looks like.

```
.text, #text, p{  
    color:rgb(181, 184, 194)  
}
```

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(181, 184, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 184, 194) }
```

Border

The CSS property to change the border of an element to Yxy 47.9998, 0.3026, 0.3162 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(181, 184, 194) }
```

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

```
.border{ border-color:rgb(181, 184, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 184, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 184, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 184, 194);  
box-shadow:4px 4px 4px 4px rgb(181, 184,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 47.9998, 0.3026, 0.3162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 184, 194) }
```

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

```
.background{ background-color: rgb(181,  
184, 194) }
```

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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