

Converting Colors

$Y_{xy}(50.1265, 0.3025, 0.3178)$

Have a look what the booklet for
Yxy(50.1265, 0.3025, 0.3178)
contains.

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Color

Yxy(50.1880, 0.3027, 0.3176)

Conversions

Conversions Part 1

Format	Color
Hex	B8BCC5
RGB	184, 188, 197
RGB Percent	72%, 74%, 77%
CMY	0.2784, 0.2628, 0.2274
CMYK	0.07, 0.05, 0.00, 0.23
HSL	222°, 10%, 75%
HSV	222°, 7%, 77%
XYZ	47.8335, 50.1880, 60.0012
YIQ	187.8300, -5.2730, 1.9510

Conversions

Conversions Part 2

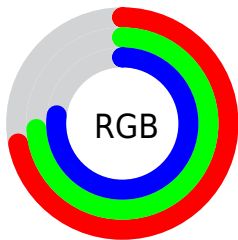
Format	Color
RYB	184, 187, 197
Decimal	12106949
CIELab	76.18, 0.36, -5.03
CIElCh	76, 5.044, 274.140
Yxy	50.1880, 0.3027, 0.3176
Android (android.graphics.Color)	4290297029 (0xFFB8BCC5)
YUV	187.8300, 4.5208, -3.3589
Hunter-Lab	70.8435, -3.4531, -0.6255

Details

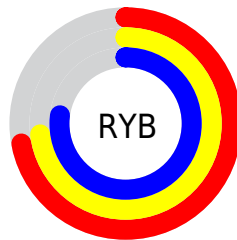
The Yxy color **50.1880, 0.3027, 0.3176** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.4939, 0.3228, 0.3401**, and the grayscale version is **50.1671, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.3824, 0.3043, 0.3191**, and **24.1364, 0.3002, 0.3153** is the 20% darker color. If you saturate the color by 10%, you get **42.3552, 0.2865, 0.2985**, and if you desaturate by 10%, it is **58.9175, 0.3177, 0.3345**.

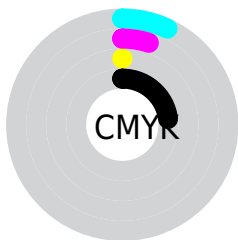
Distribution



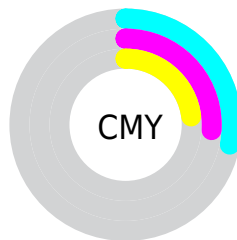
- Red (72%)
- Green (74%)
- Blue (77%)



- Red (72%)
- Yellow (73%)
- Blue (77%)



- Cyan (7%)
- Magenta (5%)
- Yellow (0%)
- Black (23%)



- Cyan (28%)
- Magenta (26%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.1880, 0.3027, 0.3176 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 50.1880, 0.3027, 0.3176 by changing the saturation by 10% instead.

■ 50.1880, 0.3027,
0.3176

■ 50.1880, 0.3027,
0.3176

387.4007, 0.3076,
0.3232

■ 35.5628, 0.3015,
0.3162

■ 90.4534, 0.3045,
0.3196

■ 24.0967, 0.2999,
0.3145

116.8623, 0.3052,
0.3204

■ 15.4054, 0.2979,
0.3121

147.9680, 0.3057,
0.3210

■ 9.1044, 0.2951,
0.3089

184.1547, 0.3062,
0.3216

■ 4.8093, 0.2909,
0.3042

225.8070, 0.3066,
0.3221

■ 2.1358, 0.2842,
0.2967

273.3091, 0.3070,

■ 0.6847, 0.2695,

0.3225

0.2797

327.0456, 0.3074,
0.3229

0.0000, 0.0000,
0.0000

50.1880, 0.3027,
0.3176

50.1880, 0.3027,
0.3176

42.3552, 0.2865,
0.2985

58.9175, 0.3177,
0.3345

35.3837, 0.2694,
0.2773

68.5653, 0.3314,
0.3494

29.2445, 0.2514,
0.2540

79.1599, 0.3439,
0.3624

23.9049, 0.2333,
0.2289

89.2119, 0.3497,
0.3746

19.3297, 0.2154,
0.2027

96.8122, 0.3472,
0.3860

■ 15.4810, 0.1988,
0.1762

■ 12.3171, 0.1841,
0.1506

■ 9.7912, 0.1723,
0.1270

■ 7.8472, 0.1637,
0.1066

Harmonies

Analogous

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



50.1880, 0.2996, 0.3206



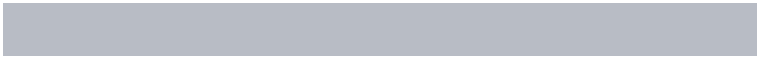
50.1880, 0.3027, 0.3176



50.1880, 0.3084, 0.3177

Triad

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



50.1880, 0.3027, 0.3176



50.1880, 0.3256, 0.3320



50.1880, 0.3100, 0.3376

Complementary

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



50.1880, 0.3027, 0.3176



53.4939, 0.3228, 0.3401

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.



50.1880, 0.3169, 0.3406



50.1880, 0.3027, 0.3176



50.1880, 0.3260, 0.3373

Square

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



50.1880, 0.3027, 0.3176



50.1880, 0.3217, 0.3259



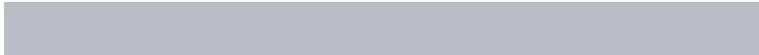
50.1880, 0.3228, 0.3405



50.1880, 0.3038, 0.3321

Rectangle

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



50.1880, 0.3027, 0.3176



50.1880, 0.3131, 0.3194



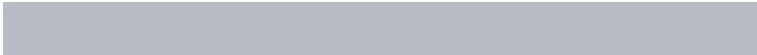
50.1880, 0.3228, 0.3405



50.1880, 0.3123, 0.3389

Sweetspot

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



50.1901, 0.3027, 0.3176



96.8077, 0.3097, 0.3256



53.9807, 0.3055, 0.3341



20.7544, 0.3098, 0.3258



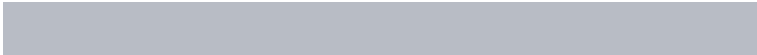
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



50.1901, 0.3027, 0.3176



87.6305, 0.3003, 0.3148



48.8111, 0.3047, 0.3126



10.8079, 0.2983, 0.3125



4.9264, 0.1619, 0.1027



0.3631, 0.1739, 0.1459

Inverse Universe

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



49.7930, 0.3206, 0.3241



86.7892, 0.3226, 0.3229



54.9573, 0.3204, 0.3451



10.6895, 0.3242, 0.3220



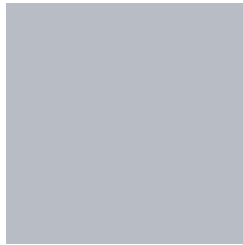
8.0373, 0.5718, 0.2924



0.3937, 0.5112, 0.2590

Previews

White Background



This preview shows how the Yxy color 50.1880, 0.3027, 0.3176 looks on a white background.

Color Contrast Check

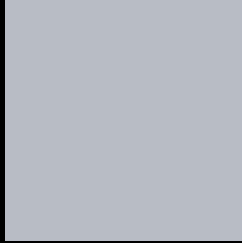
Large Text (above 18pt) WCAG AA × Fail

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 50.1880, 0.3027, 0.3176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

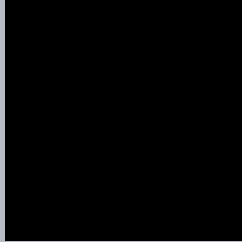
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

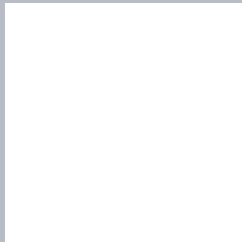
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.1880, 0.3027, 0.3176

Background



This preview shows how black text looks on a background with the Yxy color 50.1880, 0.3027, 0.3176.

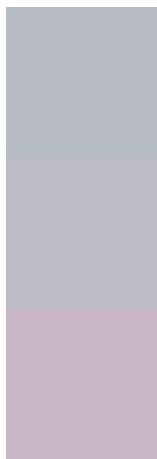


This preview shows how white text looks on a background with the Yxy color 50.1880, 0.3027, 0.3176.

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

50.1880, 0.3027, 0.3176

Protanopia

50.3450, 0.3075, 0.3178

Deuteranopia

49.9506, 0.3162, 0.3096



Tritanopia

50.1192, 0.2998, 0.3102

Trichromacy



Original Color

50.1880, 0.3027, 0.3176

Protanomaly

50.0910, 0.3059, 0.3177

Deuteranomaly

49.9603, 0.3110, 0.3118

Tritanomaly

50.0251, 0.3013, 0.3127

Monochromacy



Original Color

50.1880, 0.3027, 0.3176

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.2928, 0.3096, 0.3252

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.1880, 0.3027, 0.3176 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, 188, 197)` looks like.

```
.text, #text, p{  
    color:rgb(184, 188, 197)  
}
```

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, 188, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 188, 197) }
```

Border

The CSS property to change the border of an element to Yxy 50.1880, 0.3027, 0.3176 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, 188, 197) }
```

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

```
.border{ border-color:rgb(184, 188, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 188, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 188, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 188, 197);  
box-shadow:4px 4px 4px 4px rgb(184, 188,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 50.1880, 0.3027, 0.3176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 188, 197) }
```

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

```
.background{ background-color: rgb(184,  
188, 197) }
```

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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