

Converting Colors

$Yxy(49.9305, 0.3023, 0.3154)$

Have a look what the booklet for
Yxy(49.9305, 0.3023, 0.3154)
contains.

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Color

Yxy(49.8082, 0.3020, 0.3151)

Conversions

Conversions Part 1

Format	Color
Hex	B8BBC6
RGB	184, 187, 198
RGB Percent	72%, 73%, 78%
CMY	0.2783, 0.2667, 0.2235
CMYK	0.07, 0.06, 0.00, 0.22
HSL	227°, 11%, 75%
HSV	227°, 7%, 78%
XYZ	47.7375, 49.8082, 60.5254
YIQ	187.3570, -5.3190, 2.7850

Conversions

Conversions Part 2

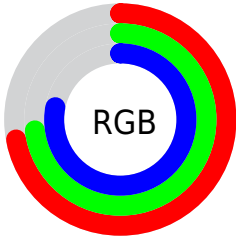
Format	Color
RYB	184, 186, 198
Decimal	12106694
CIELab	75.95, 1.10, -5.91
CIELCh	76, 6.011, 280.572
Yxy	49.8082, 0.3020, 0.3151
Android (android.graphics.Color)	4290296774 (0xFFB8BBC6)
YUV	187.3570, 5.2470, -2.9441
Hunter-Lab	70.5749, -2.7672, -1.4450

Details

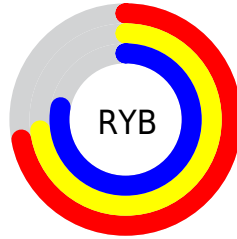
The Yxy color $49.8082, 0.3020, 0.3151$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $54.5212, 0.3234, 0.3425$, and the grayscale version is $49.8822, 0.3127, 0.3290$.

A 20% lighter version of the original color is $89.8464, 0.3037, 0.3171$, and $23.8891, 0.2992, 0.3119$ is the 20% darker color. If you saturate the color by 10%, you get $41.2653, 0.2856, 0.2932$, and if you desaturate by 10%, it is $59.4178, 0.3170, 0.3344$.

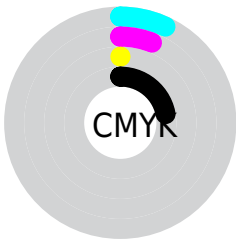
Distribution



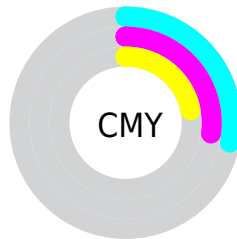
- Red (72%)
- Green (73%)
- Blue (78%)



- Red (72%)
- Yellow (73%)
- Blue (78%)



- Cyan (7%)
- Magenta (6%)
- Yellow (0%)
- Black (22%)



- Cyan (28%)
- Magenta (27%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 49.8082, 0.3020, 0.3151 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 49.8082, 0.3020, 0.3151 by changing the saturation by 10% instead.

■ 49.8082, 0.3020,
0.3151

■ 49.8082, 0.3020,
0.3151

385.9154, 0.3073,
0.3220

■ 35.2610, 0.3007,
0.3134

■ 89.8906, 0.3039,
0.3176

■ 23.8640, 0.2990,
0.3113

116.1947, 0.3046,
0.3185

■ 15.2328, 0.2968,
0.3085

147.1865, 0.3052,
0.3193

■ 8.9829, 0.2938,
0.3046

183.2504, 0.3058,
0.3200

■ 4.7300, 0.2893,
0.2989

224.7709, 0.3062,
0.3206

■ 2.0898, 0.2820,
0.2897

272.1323, 0.3066,

■ 0.6589, 0.2663,

0.3211

0.2687

325.7190, 0.3070,
0.3215

0.0000, 0.0000,
0.0000

49.8082, 0.3020,
0.3151

49.8082, 0.3020,
0.3151

41.2653, 0.2856,
0.2932

59.4178, 0.3170,
0.3344

33.7456, 0.2678,
0.2688

70.1229, 0.3305,
0.3514

27.2121, 0.2491,
0.2421

81.9593, 0.3426,
0.3661

21.6229, 0.2298,
0.2135

93.3623, 0.3477,
0.3799

16.9332, 0.2109,
0.1840

96.8574, 0.3466,
0.3850

■ 13.0943, 0.1932,
0.1549

■ 10.0525, 0.1779,
0.1278

■ 7.7479, 0.1659,
0.1042

■ 6.1070, 0.1578,
0.0856

Harmonies

Analogous

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



49.8082, 0.2976, 0.3179



49.8082, 0.3020, 0.3151



49.8082, 0.3093, 0.3160

Triad

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



49.8082, 0.3020, 0.3151



49.8082, 0.3286, 0.3340



49.8082, 0.3077, 0.3380

Complementary

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



49.8082, 0.3020, 0.3151



54.5212, 0.3234, 0.3425

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.



49.8082, 0.3160, 0.3425



49.8082, 0.3020, 0.3151



49.8082, 0.3281, 0.3400

Square

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



49.8082, 0.3020, 0.3151



49.8082, 0.3247, 0.3268



49.8082, 0.3234, 0.3432



49.8082, 0.3008, 0.3311

Rectangle

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



49.8082, 0.3020, 0.3151



49.8082, 0.3149, 0.3185



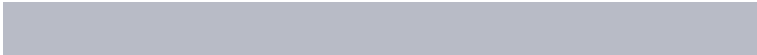
49.8082, 0.3234, 0.3432



49.8082, 0.3104, 0.3399

Sweetspot

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



49.8103, 0.3020, 0.3151



96.5066, 0.3097, 0.3251



54.5242, 0.3040, 0.3328



20.6930, 0.3099, 0.3253



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.



49.8103, 0.3020, 0.3151



86.4974, 0.3003, 0.3129



49.0656, 0.3053, 0.3115



10.6450, 0.2983, 0.3102



3.8255, 0.1564, 0.0829



0.2895, 0.1673, 0.1224

Inverse Universe

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



49.8912, 0.3222, 0.3254



86.6748, 0.3238, 0.3248



55.3277, 0.3199, 0.3462



10.6730, 0.3257, 0.3241



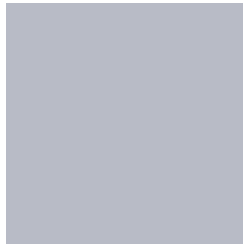
7.9262, 0.6023, 0.3092



0.3862, 0.5433, 0.2766

Previews

White Background



This preview shows how the Yxy color 49.8082, 0.3020, 0.3151 looks on a white background.

Color Contrast Check

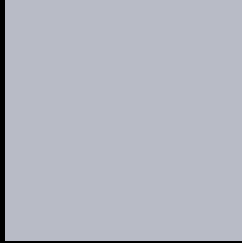
Large Text (above 18pt) WCAG AA × Fail

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 49.8082, 0.3020, 0.3151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

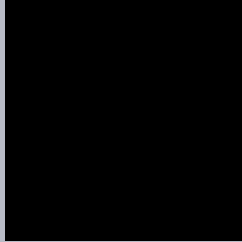
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

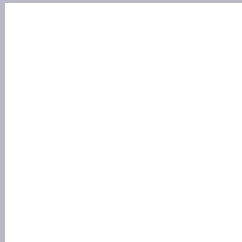
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 49.8082, 0.3020, 0.3151

Background



This preview shows how black text looks on a background with the Yxy color 49.8082, 0.3020, 0.3151.

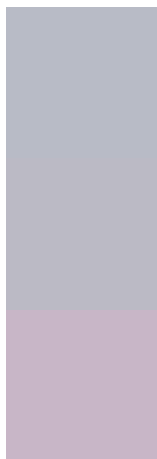


This preview shows how white text looks on a background with the Yxy color 49.8082, 0.3020, 0.3151.

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

49.8082, 0.3020, 0.3151

Protanopia

49.7138, 0.3052, 0.3152

Deuteranopia

49.8588, 0.3145, 0.3084



Tritanopia

49.6491, 0.3006, 0.3102

Trichromacy



Original Color

49.8082, 0.3020, 0.3151

Protanomaly

49.5881, 0.3043, 0.3152

Deuteranomaly

49.8738, 0.3094, 0.3105

Tritanomaly

49.6022, 0.3013, 0.3114

Monochromacy



Original Color

49.8082, 0.3020, 0.3151

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.7413, 0.3088, 0.3239

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.8082, 0.3020, 0.3151 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, 187, 198)` looks like.

```
.text, #text, p{  
    color:rgb(184, 187, 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(184, 187, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 187, 198) }
```

Border

The CSS property to change the border of an element to Yxy 49.8082, 0.3020, 0.3151 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, 187, 198) }
```

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

```
.border{ border-color:rgb(184, 187, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 187, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 187, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 187, 198);  
box-shadow:4px 4px 4px 4px rgb(184, 187,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 49.8082, 0.3020, 0.3151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 187, 198) }
```

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

```
.background{ background-color: rgb(184,  
187, 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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