

Converting Colors

$Yxy(48.1801, 0.3084, 0.3196)$

Have a look what the booklet for
Yxy(48.1801, 0.3084, 0.3196)
contains.

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Color

Yxy(48.3569, 0.3081, 0.3201)

Conversions

Conversions Part 1

Format	Color
Hex	B9B8BF
RGB	185, 184, 191
RGB Percent	73%, 72%, 75%
CMY	0.2747, 0.2784, 0.2510
CMYK	0.03, 0.04, 0.00, 0.25
HSL	248°, 5%, 74%
HSV	248°, 4%, 75%
XYZ	46.5441, 48.3569, 56.1671
YIQ	185.0970, -1.6510, 2.3890

Conversions

Conversions Part 2

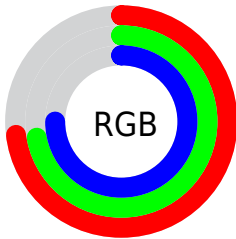
Format	Color
RYB	185, 184, 191
Decimal	12171455
CIELab	75.05, 1.65, -3.42
CIELCh	75, 3.796, 295.774
Yxy	48.3569, 0.3081, 0.3201
Android (android.graphics.Color)	4290361535 (0xFFB9B8BF)
YUV	185.0970, 2.9102, -0.0851
Hunter-Lab	69.5391, -2.2195, 0.7885

Details

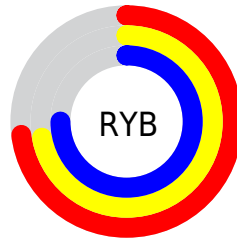
The Yxy color $48.3569, 0.3081, 0.3201$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $51.6746, 0.3172, 0.3378$, and the grayscale version is $48.5547, 0.3127, 0.3290$.

A 20% lighter version of the original color is $87.7363, 0.3091, 0.3220$, and $22.9731, 0.3065, 0.3169$ is the 20% darker color. If you saturate the color by 10%, you get $39.0153, 0.2942, 0.2937$, and if you desaturate by 10%, it is $59.0126, 0.3202, 0.3435$.

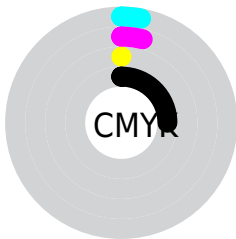
Distribution



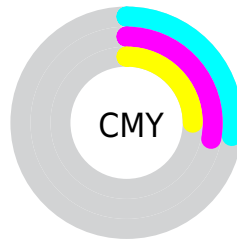
- Red (73%)
- Green (72%)
- Blue (75%)



- Red (73%)
- Yellow (72%)
- Blue (75%)



- Cyan (3%)
- Magenta (4%)
- Yellow (0%)
- Black (25%)



- Cyan (27%)
- Magenta (28%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.3569, 0.3081, 0.3201 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 48.3569, 0.3081, 0.3201 by changing the saturation by 10% instead.

■ 48.3569, 0.3081,
0.3201

■ 48.3569, 0.3081,
0.3201

380.2051, 0.3104,
0.3245

■ 34.1096, 0.3075,
0.3190

■ 87.7356, 0.3089,
0.3217

■ 22.9778, 0.3068,
0.3176

113.6357, 0.3093,
0.3223

■ 14.5771, 0.3058,
0.3158

144.1889, 0.3095,
0.3228

■ 8.5231, 0.3045,
0.3132

179.7796, 0.3097,
0.3232

■ 4.4315, 0.3024,
0.3094

220.7922, 0.3099,
0.3236

■ 1.9177, 0.2991,
0.3033

267.6110, 0.3101,

■ 0.5590, 0.2889,

0.3240

0.2826

320.6205, 0.3103,
0.3243

0.0000, 0.0000,
0.0000

48.3569, 0.3081,
0.3201

48.3569, 0.3081,
0.3201

39.0153, 0.2942,
0.2937

59.0126, 0.3202,
0.3435

30.9310, 0.2784,
0.2642

71.0244, 0.3305,
0.3640

24.0519, 0.2608,
0.2322

84.4396, 0.3394,
0.3819

18.3200, 0.2418,
0.1985

95.7978, 0.3481,
0.3925

13.6725, 0.2221,
0.1646

96.5414, 0.3508,
0.3919

■ 10.0405, 0.2028,
0.1324

■ 7.3472, 0.1852,
0.1044

■ 5.5045, 0.1705,
0.0826

■ 4.4075, 0.1598,
0.0686

Harmonies

Analogous

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



48.3569, 0.3042, 0.3207



48.3569, 0.3081, 0.3201



48.3569, 0.3133, 0.3218

Triad

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



48.3569, 0.3081, 0.3201



48.3569, 0.3230, 0.3343



48.3569, 0.3071, 0.3326

Complementary

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



48.3569, 0.3081, 0.3201



51.6746, 0.3172, 0.3378

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.



48.3569, 0.3121, 0.3364



48.3569, 0.3081, 0.3201



48.3569, 0.3213, 0.3373

Square

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



48.3569, 0.3081, 0.3201



48.3569, 0.3219, 0.3300



48.3569, 0.3173, 0.3381



48.3569, 0.3036, 0.3279

Rectangle

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



48.3569, 0.3081, 0.3201



48.3569, 0.3168, 0.3241



48.3569, 0.3173, 0.3381



48.3569, 0.3087, 0.3341

Sweetspot

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



48.3590, 0.3081, 0.3201



91.4175, 0.3115, 0.3266



50.8087, 0.3071, 0.3278



20.0951, 0.3115, 0.3267



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



48.3590, 0.3081, 0.3201



85.8844, 0.3076, 0.3191



48.7965, 0.3110, 0.3202



10.2521, 0.3068, 0.3175



2.6354, 0.1558, 0.0632



0.1235, 0.1734, 0.0729

Inverse Universe

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



49.0840, 0.3139, 0.3214



87.3253, 0.3140, 0.3206



51.2321, 0.3144, 0.3379



10.4517, 0.3142, 0.3193



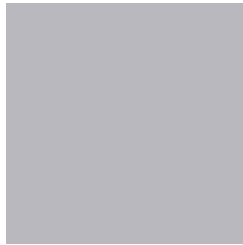
9.0781, 0.3578, 0.1745



0.3618, 0.3477, 0.1689

Previews

White Background



This preview shows how the Yxy color 48.3569, 0.3081, 0.3201 looks on a white background.

Color Contrast Check

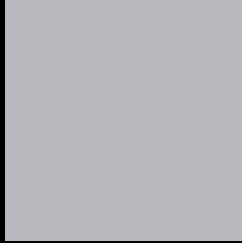
Large Text (above 18pt) WCAG AA × Fail

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 48.3569, 0.3081, 0.3201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

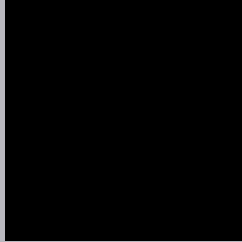
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

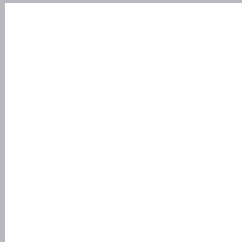
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.3569, 0.3081, 0.3201

Background



This preview shows how black text looks on a background with the Yxy color 48.3569, 0.3081, 0.3201.

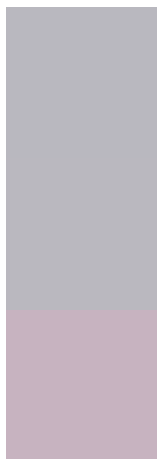


This preview shows how white text looks on a background with the Yxy color 48.3569, 0.3081, 0.3201.

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

48.3569, 0.3081, 0.3201

Protanopia

48.4817, 0.3090, 0.3201

Deuteranopia

48.1881, 0.3195, 0.3130



Tritanopia

48.3373, 0.3044, 0.3113

Trichromacy



Original Color

48.3569, 0.3081, 0.3201

Protanomaly

48.4817, 0.3090, 0.3201

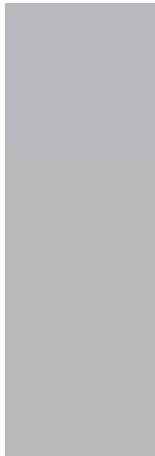
Deuteranomaly

48.3229, 0.3151, 0.3153

Tritanomaly

48.2462, 0.3059, 0.3138

Monochromacy



Original Color

48.3569, 0.3081, 0.3201

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

48.6001, 0.3112, 0.3264

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.3569, 0.3081, 0.3201 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(185, 184, 191)` looks like.

```
.text, #text, p{  
    color:rgb(185, 184, 191)  
}
```

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(185, 184, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 184, 191) }
```

Border

The CSS property to change the border of an element to Yxy 48.3569, 0.3081, 0.3201 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(185, 184, 191) }
```

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

```
.border{ border-color:rgb(185, 184, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 184, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 184, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 184, 191);  
box-shadow:4px 4px 4px 4px rgb(185, 184,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 48.3569, 0.3081, 0.3201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 184, 191) }
```

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

```
.background{ background-color: rgb(185,  
184, 191) }
```

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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