

Converting Colors

Yxy(50.0564, 0.3164, 0.3421)

Have a look what the booklet for
Yxy(50.0564, 0.3164, 0.3421)
contains.

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Color

Yxy(49.8402, 0.3162, 0.3419)

Conversions

Conversions Part 1

Format	Color
Hex	B8BDB3
RGB	184, 189, 179
RGB Percent	72%, 74%, 70%
CMY	0.2786, 0.2588, 0.2980
CMYK	0.03, 0.00, 0.05, 0.26
HSL	90°, 7%, 72%
HSV	90°, 5%, 74%
XYZ	46.0938, 49.8402, 49.8402
YIQ	186.3650, 0.2300, -4.1700

Conversions

Conversions Part 2

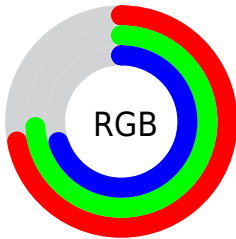
Format	Color
R _Y B	179, 189, 184
Decimal	12107187
CIE Lab	75.97, -3.60, 4.44
CIE LCh	76, 5.710, 129.043
Yxy	49.8402, 0.3162, 0.3419
Android (android.graphics.Color)	4290297267 (0xFFB8BDB3)
YUV	186.3650, -3.6309, -2.0741
Hunter-Lab	70.5976, -7.0015, 7.5610

Details

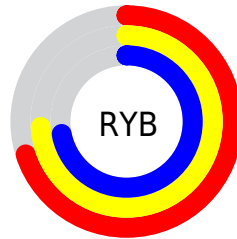
The Yxy color **49.8402, 0.3162, 0.3419** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.1152, 0.3091, 0.3161**, and the grayscale version is **49.3366, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.8282, 0.3155, 0.3390**, and **23.9400, 0.3175, 0.3466** is the 20% darker color. If you saturate the color by 10%, you get **47.9893, 0.3228, 0.3679**, and if you desaturate by 10%, it is **51.8799, 0.3096, 0.3181**.

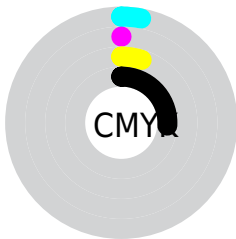
Distribution



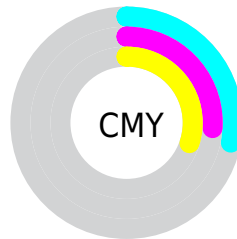
- Red (72%)
- Green (74%)
- Blue (70%)



- Red (70%)
- Yellow (74%)
- Blue (72%)



- Cyan (3%)
- Magenta (0%)
- Yellow (5%)
- Black (26%)



- Cyan (28%)
- Magenta (26%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 49.8402, 0.3162, 0.3419 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 49.8402, 0.3162, 0.3419 by changing the saturation by 10% instead.

■ 49.8402, 0.3162,
0.3419

■ 49.8402, 0.3162,
0.3419

386.0407, 0.3145,
0.3355

■ 35.2864, 0.3166,
0.3435

■ 89.9381, 0.3156,
0.3396

■ 23.8836, 0.3171,
0.3455

116.2510, 0.3154,
0.3387

■ 15.2473, 0.3178,
0.3483

147.2524, 0.3152,
0.3380

■ 8.9931, 0.3188,
0.3521

183.3267, 0.3150,
0.3373

■ 4.7367, 0.3201,
0.3577

224.8582, 0.3148,
0.3368

■ 2.0936, 0.3222,
0.3670

272.2315, 0.3147,

■ 0.6610, 0.3355,

0.3363

0.4103

325.8309, 0.3146,
0.3359

0.0000, 0.0000,
0.0000

49.8402, 0.3162,
0.3419

49.8402, 0.3162,
0.3419

47.9893, 0.3228,
0.3679

51.8799, 0.3096,
0.3181

46.3150, 0.3291,
0.3958

54.1075, 0.3033,
0.2965

44.8132, 0.3349,
0.4251

56.5304, 0.2972,
0.2771

43.4775, 0.3398,
0.4549

59.1536, 0.2914,
0.2598

42.3008, 0.3434,
0.4841

60.7316, 0.2982,
0.2608

■ 41.2755, 0.3452,
0.5112

■ 62.3714, 0.3054,
0.2623

■ 40.3932, 0.3450,
0.5348

■ 64.0994, 0.3126,
0.2637

■ 39.6444, 0.3426,
0.5535

■ 64.8825, 0.3157,
0.2644

■ 39.0176, 0.3381,
0.5666

Harmonies

Analogous

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



49.8402, 0.3232, 0.3424



49.8402, 0.3162, 0.3419



49.8402, 0.3083, 0.3378

Triad

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



49.8402, 0.3162, 0.3419



49.8402, 0.2982, 0.3186



49.8402, 0.3238, 0.3266

Complementary

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



49.8402, 0.3162, 0.3419



46.1152, 0.3091, 0.3161

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.



49.8402, 0.3170, 0.3204



49.8402, 0.3162, 0.3419



49.8402, 0.3022, 0.3158

Square

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



49.8402, 0.3162, 0.3419



49.8402, 0.2980, 0.3243



49.8402, 0.3091, 0.3165



49.8402, 0.3277, 0.3334

Rectangle

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



49.8402, 0.3162, 0.3419



49.8402, 0.3036, 0.3337



49.8402, 0.3091, 0.3165



49.8402, 0.3218, 0.3244

Sweetspot

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



49.8423, 0.3162, 0.3419



90.4043, 0.3140, 0.3339



48.3613, 0.3209, 0.3354



19.4491, 0.3140, 0.3336



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



49.8423, 0.3162, 0.3419



88.9728, 0.3167, 0.3439



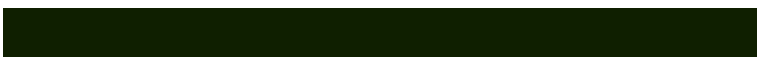
49.2416, 0.3121, 0.3421



10.9929, 0.3170, 0.3450



26.1159, 0.3367, 0.5709



1.0619, 0.3554, 0.5560

Inverse Universe

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



46.1152, 0.3091, 0.3161



81.3331, 0.3085, 0.3141



46.7379, 0.3133, 0.3163



9.9806, 0.3082, 0.3130



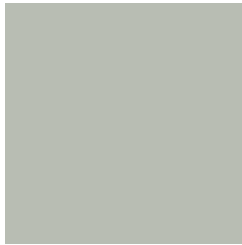
4.1733, 0.2045, 0.0900



0.2023, 0.2311, 0.1047

Previews

White Background



This preview shows how the Yxy color 49.8402, 0.3162, 0.3419 looks on a white background.

Color Contrast Check

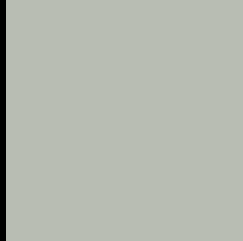
Large Text (above 18pt) WCAG AA × Fail

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 49.8402, 0.3162, 0.3419 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

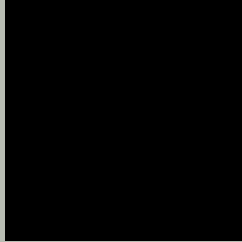
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

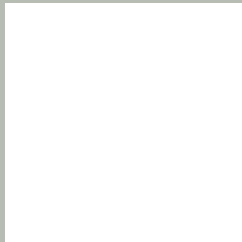
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 49.8402, 0.3162, 0.3419

Background



This preview shows how black text looks on a background with the Yxy color 49.8402, 0.3162, 0.3419.



This preview shows how white text looks on a background with the Yxy color 49.8402, 0.3162, 0.3419.

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

49.8402, 0.3162, 0.3419

Protanopia

49.6696, 0.3249, 0.3391

Deuteranopia

49.7938, 0.3362, 0.3291



Tritanopia

49.8527, 0.3029, 0.3115

Trichromacy



Original Color

49.8402, 0.3162, 0.3419

Protanomaly

49.7021, 0.3223, 0.3405

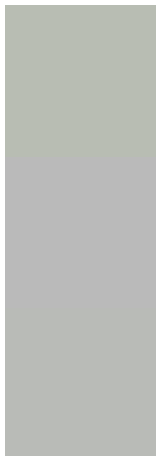
Deuteranomaly

49.7184, 0.3287, 0.3340

Tritanomaly

49.7855, 0.3081, 0.3227

Monochromacy



Original Color

49.8402, 0.3162, 0.3419

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

49.2738, 0.3141, 0.3341

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.8402, 0.3162, 0.3419 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, 189, 179)` looks like.

```
.text, #text, p{  
    color:rgb(184, 189, 179)  
}
```

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, 189, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 189, 179) }
```

Border

The CSS property to change the border of an element to Yxy 49.8402, 0.3162, 0.3419 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, 189, 179) }
```

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

```
.border{ border-color:rgb(184, 189, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 189, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 189, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 189, 179);  
box-shadow:4px 4px 4px 4px rgb(184, 189,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 49.8402, 0.3162, 0.3419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 189, 179) }
```

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

```
.background{ background-color: rgb(184,  
189, 179) }
```

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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