

Converting Colors

$Y_{xy}(49.0510, 0.3039, 0.3130)$

Have a look what the booklet for
Yxy(49.0510, 0.3039, 0.3130)
contains.

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Color

Yxy(49.1682, 0.3044, 0.3139)

Conversions

Conversions Part 1

Format	Color
Hex	BAB9C5
RGB	186, 185, 197
RGB Percent	73%, 73%, 77%
CMY	0.2705, 0.2745, 0.2275
CMYK	0.06, 0.06, 0.00, 0.23
HSL	245°, 9%, 75%
HSV	245°, 6%, 77%
XYZ	47.6802, 49.1682, 59.7882
YIQ	186.6670, -3.2560, 3.9440

Conversions

Conversions Part 2

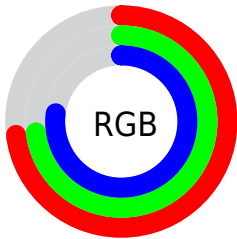
Format	Color
R _Y B	186, 185, 197
Decimal	12237253
CIE Lab	75.56, 2.65, -5.92
CIE LCh	76, 6.486, 294.102
Yxy	49.1682, 0.3044, 0.3139
Android (android.graphics.Color)	4290427333 (0xFFBAB9C5)
YUV	186.6670, 5.0942, -0.5850
Hunter-Lab	70.1200, -1.3338, -1.4698

Details

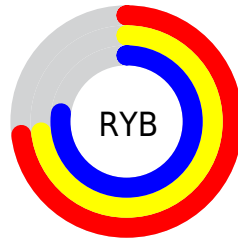
The Yxy color **49.1682, 0.3044, 0.3139** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.1549, 0.3208, 0.3437**, and the grayscale version is **49.4716, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.9436, 0.3056, 0.3162**, and **23.4722, 0.3024, 0.3102** is the 20% darker color. If you saturate the color by 10%, you get **39.3772, 0.2892, 0.2865**, and if you desaturate by 10%, it is **60.3891, 0.3177, 0.3381**.

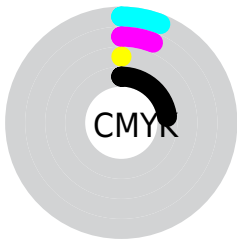
Distribution



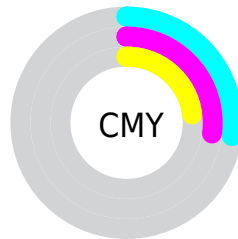
- Red (73%)
- Green (73%)
- Blue (77%)



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



- Cyan (6%)
- Magenta (6%)
- Yellow (0%)
- Black (23%)



- Cyan (27%)
- Magenta (27%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 49.1682, 0.3044, 0.3139 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 49.1682, 0.3044, 0.3139 by changing the saturation by 10% instead.

■ 49.1682, 0.3044,
0.3139

■ 49.1682, 0.3044,
0.3139

■ 383.4041, 0.3085,
0.3213

■ 34.7529, 0.3034,
0.3121

■ 88.9412, 0.3059,
0.3166

■ 23.4726, 0.3021,
0.3098

■ 115.0677, 0.3065,
0.3176

■ 14.9429, 0.3003,
0.3067

■ 145.8668, 0.3069,
0.3185

■ 8.7793, 0.2979,
0.3025

■ 181.7228, 0.3074,
0.3192

■ 4.5975, 0.2943,
0.2963

■ 223.0202, 0.3077,
0.3198

■ 2.0131, 0.2884,
0.2864

■ 270.1432, 0.3080,

■ 0.6151, 0.2759,

0.3204

0.2614

323.4764, 0.3083,
0.3209

0.0000, 0.0000,
0.0000

49.1682, 0.3044,
0.3139

49.1682, 0.3044,
0.3139

39.3772, 0.2892,
0.2865

60.3891, 0.3177,
0.3381

30.9527, 0.2720,
0.2561

73.0876, 0.3292,
0.3592

23.8357, 0.2531,
0.2230

87.3170, 0.3390,
0.3776

17.9607, 0.2330,
0.1885

96.8103, 0.3472,
0.3860

13.2561, 0.2126,
0.1543

■ 9.6434, 0.1933,
0.1225

■ 7.0342, 0.1764,
0.0957

■ 5.3264, 0.1633,
0.0761

■ 4.3925, 0.1549,
0.0646

Harmonies

Analogous

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



49.1682, 0.2980, 0.3151



49.1682, 0.3044, 0.3139



49.1682, 0.3131, 0.3166

Triad

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



49.1682, 0.3044, 0.3139



49.1682, 0.3303, 0.3376



49.1682, 0.3036, 0.3356

Complementary

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



49.1682, 0.3044, 0.3139



55.1549, 0.3208, 0.3437

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.



49.1682, 0.3121, 0.3419



49.1682, 0.3044, 0.3139



49.1682, 0.3276, 0.3429

Square

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



49.1682, 0.3044, 0.3139



49.1682, 0.3281, 0.3302



49.1682, 0.3209, 0.3446



49.1682, 0.2975, 0.3276

Rectangle

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



49.1682, 0.3044, 0.3139



49.1682, 0.3191, 0.3203



49.1682, 0.3209, 0.3446



49.1682, 0.3063, 0.3380

Sweetspot

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



49.1703, 0.3044, 0.3139



95.9159, 0.3100, 0.3241



53.8159, 0.3034, 0.3277



20.5727, 0.3102, 0.3243



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.



49.1703, 0.3044, 0.3139



86.1721, 0.3029, 0.3112



49.9321, 0.3093, 0.3141



10.7610, 0.3023, 0.3102



2.7455, 0.1532, 0.0617



0.1454, 0.1637, 0.0676

Inverse Universe

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



50.5477, 0.3142, 0.3156



89.0365, 0.3145, 0.3133



54.3722, 0.3160, 0.3439



11.1413, 0.3146, 0.3124



9.9815, 0.3436, 0.1667



0.4774, 0.3384, 0.1638

Previews

White Background



This preview shows how the Yxy color 49.1682, 0.3044, 0.3139 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 49.1682, 0.3044, 0.3139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

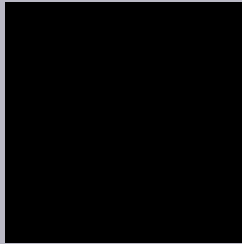
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

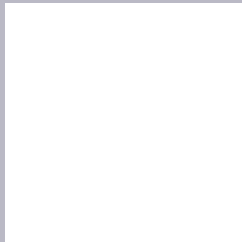
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 49.1682, 0.3044, 0.3139

Background



This preview shows how black text looks on a background with the Yxy color 49.1682, 0.3044, 0.3139.

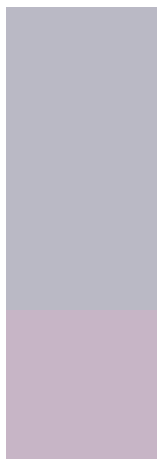


This preview shows how white text looks on a background with the Yxy color 49.1682, 0.3044, 0.3139.

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

49.1682, 0.3044, 0.3139

Protanopia

49.1682, 0.3044, 0.3139

Deuteranopia

49.2671, 0.3145, 0.3083



Tritanopia

49.2605, 0.3029, 0.3114

Trichromacy



Original Color

49.1682, 0.3044, 0.3139

Protanomaly

49.1682, 0.3044, 0.3139

Deuteranomaly

49.0024, 0.3103, 0.3092

Tritanomaly

49.2142, 0.3036, 0.3126

Monochromacy



Original Color

49.1682, 0.3044, 0.3139

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.4442, 0.3097, 0.3227

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.1682, 0.3044, 0.3139 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(186, 185, 197)` looks like.

```
.text, #text, p{  
    color:rgb(186, 185, 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(186, 185, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 185, 197) }
```

Border

The CSS property to change the border of an element to Yxy 49.1682, 0.3044, 0.3139 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(186, 185, 197) }
```

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

```
.border{ border-color:rgb(186, 185, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 185, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 185, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 185, 197);  
box-shadow:4px 4px 4px 4px rgb(186, 185,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 49.1682, 0.3044, 0.3139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 185, 197) }
```

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

```
.background{ background-color: rgb(186,  
185, 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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