

Converting Colors

$Yxy(49.9107, 0.3054, 0.3040)$

Have a look what the booklet for
Yxy(49.9107, 0.3054, 0.3040)
contains.

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Color

Yxy(50.1099, 0.3056, 0.3045)

Conversions

Conversions Part 1

Format	Color
Hex	C2B8CC
RGB	194, 184, 204
RGB Percent	76%, 72%, 80%
CMY	0.2392, 0.2784, 0.1999
CMYK	0.05, 0.10, 0.00, 0.20
HSL	270°, 16%, 76%
HSV	270°, 10%, 80%
XYZ	50.2909, 50.1099, 64.1637
YIQ	189.2700, -0.4600, 8.3400

Conversions

Conversions Part 2

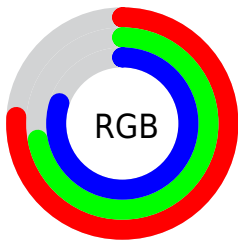
Format	Color
R_YB	194, 184, 204
Decimal	12761292
CIE Lab	76.14, 7.27, -8.82
CIE LCh	76, 11.429, 309.487
Yxy	50.1099, 0.3056, 0.3045
Android (android.graphics.Color)	4290951372 (0xFFC2B8CC)
YUV	189.2700, 7.2619, 4.1482
Hunter-Lab	70.7883, 2.9341, -4.1896

Details

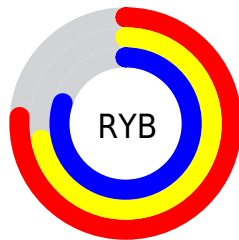
The Yxy color **50.1099, 0.3056, 0.3045** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.1306, 0.3193, 0.3535**, and the grayscale version is **51.0114, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.0494, 0.3108, 0.3145**, and **24.0101, 0.3030, 0.2977** is the 20% darker color. If you saturate the color by 10%, you get **40.9334, 0.2971, 0.2775**, and if you desaturate by 10%, it is **60.6059, 0.3128, 0.3294**.

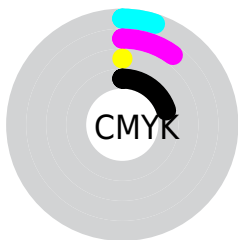
Distribution



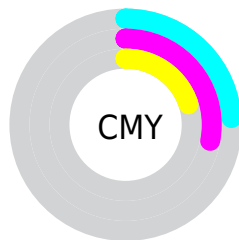
- Red (76%)
- Green (72%)
- Blue (80%)



- Red (76%)
- Yellow (72%)
- Blue (80%)



- Cyan (5%)
- Magenta (10%)
- Yellow (0%)
- Black (20%)



- Cyan (24%)
- Magenta (28%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.1099, 0.3056, 0.3045 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 50.1099, 0.3056, 0.3045 by changing the saturation by 10% instead.

■ 50.1099, 0.3056,
0.3045

■ 50.1099, 0.3056,
0.3045

387.0956, 0.3092,
0.3164

■ 35.5007, 0.3047,
0.3016

■ 90.3377, 0.3069,
0.3088

■ 24.0488, 0.3035,
0.2980

116.7251, 0.3074,
0.3104

■ 15.3699, 0.3020,
0.2932

147.8074, 0.3078,
0.3118

■ 9.0794, 0.2998,
0.2867

183.9689, 0.3082,
0.3130

■ 4.7930, 0.2966,
0.2774

225.5941, 0.3085,
0.3140

■ 2.1263, 0.2913,
0.2629

273.0673, 0.3087,

■ 0.6794, 0.2824,

0.3149

0.2331

326.7730, 0.3090,
0.3157

0.0000, 0.0000,
0.0000

50.1099, 0.3056,
0.3045

50.1099, 0.3056,
0.3045

40.9334, 0.2971,
0.2775

60.6059, 0.3128,
0.3294

33.0160, 0.2874,
0.2489

72.4658, 0.3190,
0.3522

26.3022, 0.2764,
0.2193

85.7397, 0.3241,
0.3727

20.7296, 0.2643,
0.1898

93.5156, 0.3297,
0.3812

16.2301, 0.2514,
0.1616

95.3018, 0.3364,
0.3801

■ 12.7279, 0.2381,
0.1363

■ 97.1409, 0.3430,
0.3790

■ 10.1372, 0.2251,
0.1152

■ 8.3563, 0.2128,
0.0994

■ 7.2016, 0.2018,
0.0886

Harmonies

Analogous

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



50.1099, 0.2920, 0.3029



50.1099, 0.3056, 0.3045



50.1099, 0.3214, 0.3122

Triad

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



50.1099, 0.3056, 0.3045



50.1099, 0.3422, 0.3493



50.1099, 0.2906, 0.3334

Complementary

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



50.1099, 0.3056, 0.3045



58.1306, 0.3193, 0.3535

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.



50.1099, 0.3036, 0.3467



50.1099, 0.3056, 0.3045



50.1099, 0.3334, 0.3559

Square

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



50.1099, 0.3056, 0.3045



50.1099, 0.3428, 0.3377



50.1099, 0.3193, 0.3550



50.1099, 0.2835, 0.3191

Rectangle

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



50.1099, 0.3056, 0.3045



50.1099, 0.3311, 0.3199



50.1099, 0.3193, 0.3550



50.1099, 0.2944, 0.3381

Sweetspot

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



50.1120, 0.3056, 0.3045



94.4971, 0.3106, 0.3216



53.2893, 0.2976, 0.3170



19.9190, 0.3101, 0.3196



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.



50.1120, 0.3056, 0.3045



79.2176, 0.3037, 0.2984



51.4358, 0.3136, 0.3051



11.1147, 0.3059, 0.3056



4.5748, 0.2030, 0.0892



0.2811, 0.2245, 0.1011

Inverse Universe

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



51.0179, 0.3217, 0.3169



81.0606, 0.3241, 0.3139



56.8903, 0.3118, 0.3541



11.3057, 0.3213, 0.3175



8.7035, 0.4941, 0.2495



0.4643, 0.4513, 0.2260

Previews

White Background



This preview shows how the Yxy color 50.1099, 0.3056, 0.3045 looks on a white background.

Color Contrast Check

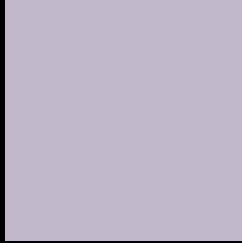
Large Text (above 18pt) WCAG AA × Fail

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 50.1099, 0.3056, 0.3045 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

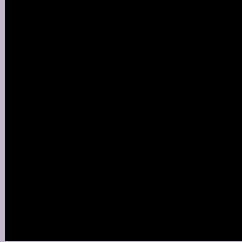
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.1099, 0.3056, 0.3045

Background



This preview shows how black text looks on a background with the Yxy color 50.1099, 0.3056, 0.3045.



This preview shows how white text looks on a background with the Yxy color 50.1099, 0.3056, 0.3045.

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

50.1099, 0.3056, 0.3045

Protanopia

50.0131, 0.2977, 0.3042

Deuteranopia

49.8213, 0.3090, 0.3023



Tritanopia

50.1589, 0.3086, 0.3117

Trichromacy



Original Color

50.1099, 0.3056, 0.3045

Protanomaly

49.9245, 0.3008, 0.3043

Deuteranomaly

50.0969, 0.3081, 0.3035

Tritanomaly

50.2524, 0.3070, 0.3093

Monochromacy



Original Color

50.1099, 0.3056, 0.3045

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.5121, 0.3107, 0.3203

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.1099, 0.3056, 0.3045 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(194, 184, 204)` looks like.

```
.text, #text, p{  
    color:rgb(194, 184, 204)  
}
```

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(194, 184, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 184, 204) }
```

Border

The CSS property to change the border of an element to Yxy 50.1099, 0.3056, 0.3045 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(194, 184, 204) }
```

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

```
.border{ border-color:rgb(194, 184, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 184, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 184, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 184, 204);  
box-shadow:4px 4px 4px 4px rgb(194, 184,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 50.1099, 0.3056, 0.3045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 184, 204) }
```

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

```
.background{ background-color: rgb(194,  
184, 204) }
```

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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