

Converting Colors

Yxy(50.9355, 0.3202, 0.3142)

Have a look what the booklet for
Yxy(50.9355, 0.3202, 0.3142)
contains.

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Color

Yxy(51.1039, 0.3201, 0.3146)

Conversions

Conversions Part 1

Format	Color
Hex	CCB8C4
RGB	204, 184, 196
RGB Percent	80%, 72%, 77%
CMY	0.2001, 0.2784, 0.2314
CMYK	0.00, 0.10, 0.04, 0.20
HSL	324°, 16%, 76%
HSV	324°, 10%, 80%
XYZ	51.9973, 51.1039, 59.3397
YIQ	191.3480, 8.0680, 7.9720

Conversions

Conversions Part 2

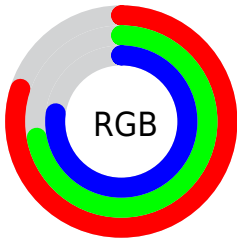
Format	Color
R _Y B	204, 184, 196
Decimal	13416644
CIE Lab	76.74, 9.18, -3.46
CIE LCh	77, 9.814, 339.326
Yxy	51.1039, 0.3201, 0.3146
Android (android.graphics.Color)	4291606724 (0xFFCCB8C4)
YUV	191.3480, 2.2934, 11.0958
Hunter-Lab	71.4870, 4.7329, 0.8257

Details

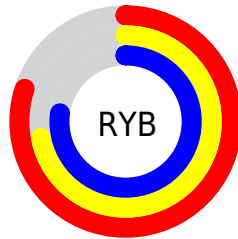
The Yxy color **51.1039, 0.3201, 0.3146** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.1670, 0.3060, 0.3438**, and the grayscale version is **52.2944, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.6720, 0.3146, 0.3165**, and **24.6696, 0.3227, 0.3113** is the 20% darker color. If you saturate the color by 10%, you get **42.8718, 0.3291, 0.2992**, and if you desaturate by 10%, it is **60.5824, 0.3126, 0.3293**.

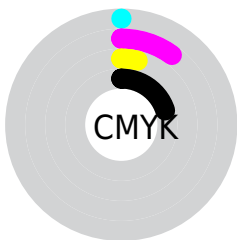
Distribution



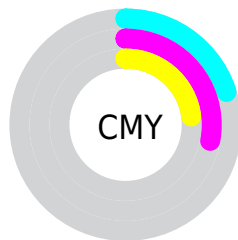
- Red (80%)
- Green (72%)
- Blue (77%)



- Red (80%)
- Yellow (72%)
- Blue (77%)



- Cyan (0%)
- Magenta (10%)
- Yellow (4%)
- Black (20%)





- Cyan (20%)
- Magenta (28%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.1039, 0.3201, 0.3146 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 51.1039, 0.3201, 0.3146 by changing the saturation by 10% instead.


 51.1039, 0.3201,
0.3146

 51.1039, 0.3201,
0.3146


390.9673, 0.3165,
0.3216

 36.2913, 0.3210,
0.3129


 91.8083, 0.3188,
0.3171

 24.6593, 0.3221,
0.3107


118.4690, 0.3183,
0.3181

 15.8234, 0.3235,
0.3079

149.8477, 0.3179,
0.3189

 9.3993, 0.3255,
0.3041

186.3290, 0.3176,
0.3196

 5.0025, 0.3283,
0.2985

228.2972, 0.3172,
0.3202

 2.2487, 0.3328,
0.2898

276.1367, 0.3170,

 0.7464, 0.3418,

0.3207

0.2723

330.2320, 0.3167,
0.3212

0.0000, 0.0000,
0.0000

51.1039, 0.3201,
0.3146

51.1039, 0.3201,
0.3146

42.8718, 0.3291,
0.2992

60.5824, 0.3126,
0.3293

35.8272, 0.3397,
0.2834

71.3498, 0.3063,
0.3431

29.9160, 0.3521,
0.2677

83.4549, 0.3011,
0.3559

25.0776, 0.3664,
0.2529

89.9881, 0.2966,
0.3571

21.2458, 0.3824,
0.2400

90.4535, 0.2922,
0.3482

■ 18.3465, 0.3998,
0.2302

■ 90.9407, 0.2879,
0.3395

■ 16.2958, 0.4182,
0.2246

■ 91.4498, 0.2837,
0.3309

■ 14.9944, 0.4366,
0.2239

■ 91.5723, 0.2827,
0.3289

■ 14.2614, 0.4547,
0.2280

Harmonies

Analogous

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



51.1039, 0.3066, 0.3080



51.1039, 0.3201, 0.3146



51.1039, 0.3318, 0.3249

Triad

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



51.1039, 0.3201, 0.3146



51.1039, 0.3305, 0.3519



51.1039, 0.2878, 0.3207

Complementary

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



51.1039, 0.3201, 0.3146



57.1670, 0.3060, 0.3438

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.



51.1039, 0.2939, 0.3328



51.1039, 0.3201, 0.3146



51.1039, 0.3184, 0.3512

Square

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



51.1039, 0.3201, 0.3146



51.1039, 0.3378, 0.3464



51.1039, 0.3050, 0.3441



51.1039, 0.2882, 0.3112

Rectangle

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



51.1039, 0.3201, 0.3146



51.1039, 0.3369, 0.3326



51.1039, 0.3050, 0.3441



51.1039, 0.2891, 0.3246

Sweetspot

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



51.1061, 0.3201, 0.3146



95.0203, 0.3149, 0.3246



49.8095, 0.3037, 0.3045



20.0605, 0.3155, 0.3234



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.



51.1061, 0.3201, 0.3146



81.2433, 0.3221, 0.3110



50.6811, 0.3279, 0.3262



11.3248, 0.3198, 0.3152



8.9897, 0.4527, 0.2267



0.4785, 0.4202, 0.2089

Inverse Universe

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



51.1061, 0.3201, 0.3146



81.2433, 0.3221, 0.3110



57.6085, 0.2994, 0.3318



11.3248, 0.3198, 0.3152



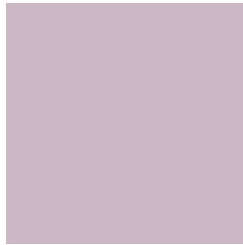
8.9897, 0.4527, 0.2267



0.4785, 0.4202, 0.2089

Previews

White Background



This preview shows how the Yxy color 51.1039, 0.3201, 0.3146 looks on a white background.

Color Contrast Check

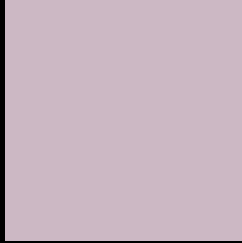
Large Text (above 18pt) WCAG AA × Fail

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 51.1039, 0.3201, 0.3146 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 51.1039, 0.3201, 0.3146

Background



This preview shows how black text looks on a background with the Yxy color 51.1039, 0.3201, 0.3146.



This preview shows how white text looks on a background with the Yxy color 51.1039, 0.3201, 0.3146.

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

51.1039, 0.3201, 0.3146

Protanopia

51.0371, 0.3060, 0.3154

Deuteranopia

51.2456, 0.3210, 0.3146



Tritanopia

51.1956, 0.3185, 0.3122

Trichromacy



Original Color

51.1039, 0.3201, 0.3146

Protanomaly

51.2200, 0.3109, 0.3155

Deuteranomaly

51.2456, 0.3210, 0.3146

Tritanomaly

51.1496, 0.3193, 0.3134

Monochromacy



Original Color

51.1039, 0.3201, 0.3146

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.5525, 0.3155, 0.3229

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.1039, 0.3201, 0.3146 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(204, 184, 196)` looks like.

```
.text, #text, p{  
    color:rgb(204, 184, 196)  
}
```

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(204, 184, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 184, 196) }
```

Border

The CSS property to change the border of an element to Yxy 51.1039, 0.3201, 0.3146 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(204, 184, 196) }
```

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

```
.border{ border-color:rgb(204, 184, 196) }
```

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

Here you see how a box with a 4 pixel rgb(204, 184, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 184, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 184, 196);  
box-shadow:4px 4px 4px 4px rgb(204, 184,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 51.1039, 0.3201, 0.3146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 184, 196) }
```

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

```
.background{ background-color: rgb(204,  
184, 196) }
```

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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