

Converting Colors

Yxy(50.9951, 0.3025, 0.3103)

Have a look what the booklet for
Yxy(50.9951, 0.3025, 0.3103)
contains.

Yxy(51.0971, 0.3023, 0.3105)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(51.0971, 0.3023, 0.3105)

Conversions

Conversions Part 1

Format	Color
Hex	BDBCCB
RGB	189, 188, 203
RGB Percent	74%, 74%, 80%
CMY	0.2588, 0.2627, 0.2041
CMYK	0.07, 0.07, 0.00, 0.20
HSL	244°, 13%, 77%
HSV	244°, 7%, 80%
XYZ	49.7477, 51.0971, 63.7192
YIQ	190.0090, -4.2190, 4.8770

Conversions

Conversions Part 2

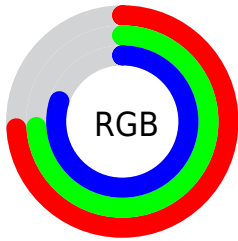
Format	Color
R _Y B	189, 188, 203
Decimal	12434635
CIE Lab	76.74, 3.22, -7.40
CIE LCh	77, 8.065, 293.497
Yxy	51.0971, 0.3023, 0.3105
Android (android.graphics.Color)	4290624715 (0xFFBDBCCB)
YUV	190.0090, 6.4046, -0.8849
Hunter-Lab	71.4822, -0.8678, -2.8134

Details

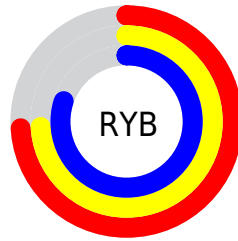
The Yxy color **51.0971, 0.3023, 0.3105** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.8782, 0.3227, 0.3469**, and the grayscale version is **51.4634, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.3338, 0.3068, 0.3183**, and **24.7321, 0.2996, 0.3057** is the 20% darker color. If you saturate the color by 10%, you get **40.7631, 0.2864, 0.2826**, and if you desaturate by 10%, it is **62.9709, 0.3162, 0.3352**.

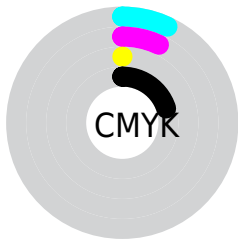
Distribution



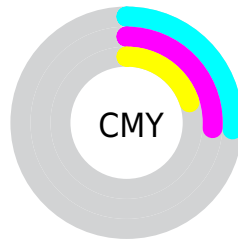
- Red (74%)
- Green (74%)
- Blue (80%)



- Red (74%)
- Yellow (74%)
- Blue (80%)



- Cyan (7%)
- Magenta (7%)
- Yellow (0%)
- Black (20%)



- Cyan (26%)
- Magenta (26%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.0971, 0.3023, 0.3105 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 51.0971, 0.3023, 0.3105 by changing the saturation by 10% instead.

■ 51.0971, 0.3023,
0.3105

■ 51.0971, 0.3023,
0.3105

390.9409, 0.3074,
0.3195

■ 36.2859, 0.3010,
0.3083

■ 91.7983, 0.3042,
0.3137

■ 24.6551, 0.2994,
0.3055

118.4571, 0.3049,
0.3150

■ 15.8203, 0.2973,
0.3019

149.8338, 0.3055,
0.3160

■ 9.3971, 0.2943,
0.2969

186.3129, 0.3060,
0.3169

■ 5.0011, 0.2900,
0.2897

228.2788, 0.3064,
0.3177

■ 2.2479, 0.2831,
0.2784

276.1158, 0.3068,

■ 0.7459, 0.2706,

0.3184

0.2563

330.2084, 0.3071,
0.3190

0.0000, 0.0000,
0.0000

51.0971, 0.3023,
0.3105

51.0971, 0.3023,
0.3105

40.7631, 0.2864,
0.2826

62.9709, 0.3162,
0.3352

31.8997, 0.2686,
0.2516

76.4373, 0.3282,
0.3567

24.4421, 0.2492,
0.2180

91.5543, 0.3385,
0.3754

18.3178, 0.2286,
0.1832

97.0902, 0.3436,
0.3801

13.4481, 0.2081,
0.1489

■ 9.7462, 0.1889,
0.1175

■ 7.1138, 0.1726,
0.0916

■ 5.4367, 0.1605,
0.0732

■ 4.5609, 0.1532,
0.0630

Harmonies

Analogous

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



51.0971, 0.2945, 0.3120



51.0971, 0.3023, 0.3105



51.0971, 0.3130, 0.3137

Triad

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



51.0971, 0.3023, 0.3105



51.0971, 0.3343, 0.3394



51.0971, 0.3017, 0.3373

Complementary

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



51.0971, 0.3023, 0.3105



58.8782, 0.3227, 0.3469

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.



51.0971, 0.3122, 0.3450



51.0971, 0.3023, 0.3105



51.0971, 0.3311, 0.3460

Square

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



51.0971, 0.3023, 0.3105



51.0971, 0.3316, 0.3302



51.0971, 0.3230, 0.3481



51.0971, 0.2942, 0.3274

Rectangle

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



51.0971, 0.3023, 0.3105



51.0971, 0.3203, 0.3182



51.0971, 0.3230, 0.3481



51.0971, 0.3050, 0.3402

Sweetspot

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



51.0993, 0.3023, 0.3105



95.8980, 0.3100, 0.3241



57.2289, 0.3014, 0.3278



20.5691, 0.3101, 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.



51.0993, 0.3023, 0.3105



82.3853, 0.2997, 0.3059



52.0796, 0.3083, 0.3108



10.8794, 0.2992, 0.3051



2.8162, 0.1524, 0.0613



0.1582, 0.1603, 0.0656

Inverse Universe

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



52.9229, 0.3143, 0.3123



86.1223, 0.3147, 0.3083



57.8614, 0.3169, 0.3473



11.3902, 0.3148, 0.3077



10.4329, 0.3384, 0.1638



0.5422, 0.3346, 0.1617

Previews

White Background



This preview shows how the Yxy color 51.0971, 0.3023, 0.3105 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 51.0971, 0.3023, 0.3105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

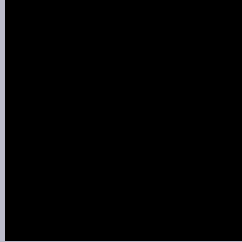
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.0971, 0.3023, 0.3105

Background



This preview shows how black text looks on a background with the Yxy color 51.0971, 0.3023, 0.3105.

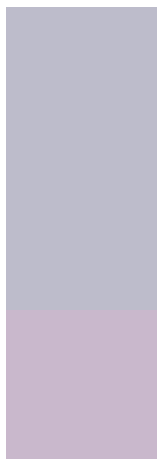


This preview shows how white text looks on a background with the Yxy color 51.0971, 0.3023, 0.3105.

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

51.0971, 0.3023, 0.3105

Protanopia

51.0971, 0.3023, 0.3105

Deuteranopia

51.0581, 0.3114, 0.3050



Tritanopia

51.0971, 0.3023, 0.3105

Trichromacy



Original Color

51.0971, 0.3023, 0.3105

Protanomaly

51.0971, 0.3023, 0.3105

Deuteranomaly

50.9279, 0.3080, 0.3060

Tritanomaly

51.0971, 0.3023, 0.3105

Monochromacy



Original Color

51.0971, 0.3023, 0.3105

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.2825, 0.3090, 0.3215

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.0971, 0.3023, 0.3105 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(189, 188, 203)` looks like.

```
.text, #text, p{  
    color:rgb(189, 188, 203)  
}
```

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(189, 188, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 188, 203) }
```

Border

The CSS property to change the border of an element to Yxy 51.0971, 0.3023, 0.3105 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(189, 188, 203) }
```

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

```
.border{ border-color:rgb(189, 188, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 188, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 188, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 188, 203);  
box-shadow:4px 4px 4px 4px rgb(189, 188,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 51.0971, 0.3023, 0.3105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 188, 203) }
```

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

```
.background{ background-color: rgb(189,  
188, 203) }
```

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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