

Converting Colors

Yxy(51.3234, 0.3026, 0.3012)

Have a look what the booklet for
Yxy(51.3234, 0.3026, 0.3012)
contains.

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Color

Yxy(51.3234, 0.3026, 0.3012)

Conversions

Conversions Part 1

Format	Color
Hex	C3BAD1
RGB	195, 186, 209
RGB Percent	76%, 73%, 82%
CMY	0.2355, 0.2705, 0.1804
CMYK	0.07, 0.11, 0.00, 0.18
HSL	263°, 20%, 77%
HSV	263°, 11%, 82%
XYZ	51.5620, 51.3234, 67.5111
YIQ	191.3130, -2.0190, 9.0610

Conversions

Conversions Part 2

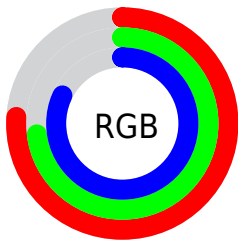
Format	Color
R _Y B	195, 186, 209
Decimal	12827345
CIE Lab	76.87, 7.47, -10.41
CIE LCh	77, 12.815, 305.636
Yxy	51.3234, 0.3026, 0.3012
Android (android.graphics.Color)	4291017425 (0xFFC3BAD1)
YUV	191.3130, 8.7197, 3.2335
Hunter-Lab	71.6404, 3.1018, -5.7243

Details

The Yxy color **51.3234, 0.3026, 0.3012** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.4390, 0.3221, 0.3565**, and the grayscale version is **52.2379, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.4197, 0.3114, 0.3165**, and **24.8043, 0.2991, 0.2933** is the 20% darker color. If you saturate the color by 10%, you get **41.5221, 0.2919, 0.2735**, and if you desaturate by 10%, it is **62.5630, 0.3119, 0.3266**.

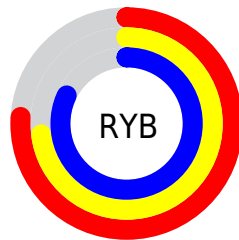
Distribution



Red (76%)

Green (73%)

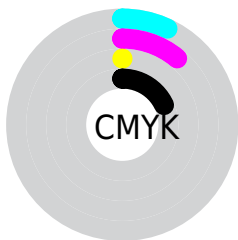
Blue (82%)



Red (76%)

Yellow (73%)

Blue (82%)

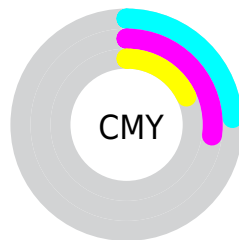


Cyan (7%)

Magenta (11%)

Yellow (0%)

Black (18%)



Cyan (24%)

Magenta (27%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.3234, 0.3026, 0.3012 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 51.3234, 0.3026, 0.3012 by changing the saturation by 10% instead.

■ 51.3234, 0.3026,
0.3012

■ 51.3234, 0.3026,
0.3012

391.8190, 0.3077,
0.3147

■ 36.4660, 0.3013,
0.2980

■ 92.1326, 0.3044,
0.3060

■ 24.7943, 0.2997,
0.2939

118.8533, 0.3051,
0.3078

■ 15.9239, 0.2976,
0.2886

150.2972, 0.3057,
0.3094

■ 9.4703, 0.2947,
0.2814

186.8487, 0.3062,
0.3107

■ 5.0492, 0.2903,
0.2712

228.8923, 0.3066,
0.3119

■ 2.2762, 0.2832,
0.2554

276.8122, 0.3070,

■ 0.7610, 0.2704,

0.3129

0.2269

330.9930, 0.3074,
0.3138

0.0000, 0.0000,
0.0000

51.3234, 0.3026,
0.3012

51.3234, 0.3026,
0.3012

41.5221, 0.2919,
0.2735

62.5630, 0.3119,
0.3266

33.0932, 0.2796,
0.2438

75.2900, 0.3198,
0.3495

25.9754, 0.2659,
0.2128

89.5596, 0.3264,
0.3701

20.1000, 0.2510,
0.1817

95.7334, 0.3341,
0.3749

15.3918, 0.2355,
0.1520

97.3836, 0.3400,
0.3741

■ 11.7674, 0.2199,
0.1253

■ 9.1316, 0.2051,
0.1033

■ 7.3716, 0.1920,
0.0873

■ 6.3583, 0.1818,
0.0775

Harmonies

Analogous

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



51.3234, 0.2882, 0.3003



51.3234, 0.3026, 0.3012



51.3234, 0.3201, 0.3090

Triad

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



51.3234, 0.3026, 0.3012



51.3234, 0.3461, 0.3501



51.3234, 0.2897, 0.3359

Complementary

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



51.3234, 0.3026, 0.3012



61.4390, 0.3221, 0.3565

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.



51.3234, 0.3047, 0.3504



51.3234, 0.3026, 0.3012



51.3234, 0.3374, 0.3584

Square

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



51.3234, 0.3026, 0.3012



51.3234, 0.3456, 0.3367



51.3234, 0.3222, 0.3587



51.3234, 0.2809, 0.3198

Rectangle

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



51.3234, 0.3026, 0.3012



51.3234, 0.3312, 0.3171



51.3234, 0.3222, 0.3587



51.3234, 0.2942, 0.3411

Sweetspot

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



51.3256, 0.3026, 0.3012



94.3388, 0.3101, 0.3216



56.4439, 0.2958, 0.3182



19.8763, 0.3094, 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.



51.3256, 0.3026, 0.3012



76.9969, 0.3004, 0.2954



52.8990, 0.3118, 0.3020



11.6382, 0.3042, 0.3054



3.9733, 0.1832, 0.0783



0.2674, 0.2043, 0.0899

Inverse Universe

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



52.8572, 0.3209, 0.3124



79.8417, 0.3227, 0.3091



59.9292, 0.3134, 0.3572



11.9280, 0.3196, 0.3149



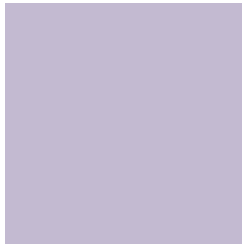
9.3366, 0.4481, 0.2242



0.5373, 0.4187, 0.2080

Previews

White Background



This preview shows how the Yxy color 51.3234, 0.3026, 0.3012 looks on a white background.

Color Contrast Check

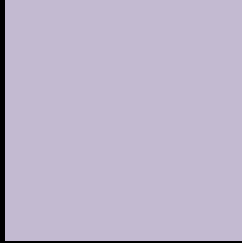
Large Text (above 18pt) WCAG AA × Fail

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 51.3234, 0.3026, 0.3012 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

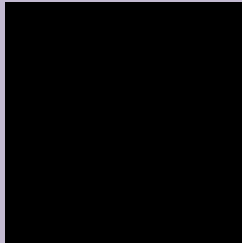
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

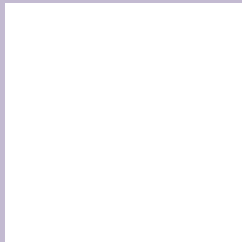
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.3234, 0.3026, 0.3012

Background



This preview shows how black text looks on a background with the Yxy color 51.3234, 0.3026, 0.3012.



This preview shows how white text looks on a background with the Yxy color 51.3234, 0.3026, 0.3012.

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

51.3234, 0.3026, 0.3012

Protanopia

51.2344, 0.2949, 0.3008

Deuteranopia

51.4435, 0.3059, 0.3002



Tritanopia

51.2742, 0.3070, 0.3106

Trichromacy



Original Color

51.3234, 0.3026, 0.3012

Protanomaly

51.1409, 0.2980, 0.3009

Deuteranomaly

51.3071, 0.3051, 0.3002

Tritanomaly

51.4178, 0.3048, 0.3071

Monochromacy



Original Color

51.3234, 0.3026, 0.3012

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.6789, 0.3084, 0.3179

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.3234, 0.3026, 0.3012 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(195, 186, 209)` looks like.

```
.text, #text, p{  
    color:rgb(195, 186, 209)  
}
```

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(195, 186, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 186, 209) }
```

Border

The CSS property to change the border of an element to Yxy 51.3234, 0.3026, 0.3012 is called "border". The border property can be set on classes, ids or directly on the HTML element.

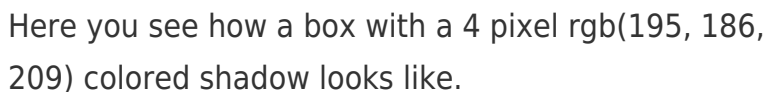
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 186, 209) }
```

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

```
.border{ border-color:rgb(195, 186, 209) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 186, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 186, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 186, 209);  
box-shadow:4px 4px 4px 4px rgb(195, 186,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 51.3234, 0.3026, 0.3012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 186, 209) }
```

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

```
.background{ background-color: rgb(195,  
186, 209) }
```

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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