

Converting Colors

$Yxy(51.7651, 0.3123, 0.3018)$

Have a look what the booklet for
Yxy(51.7651, 0.3123, 0.3018)
contains.

Yxy(51.7651, 0.3123, 0.3018)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(51.7651, 0.3123, 0.3018)

Conversions

Conversions Part 1

Format	Color
Hex	CDB8CF
RGB	205, 184, 207
RGB Percent	80%, 72%, 81%
CMY	0.1963, 0.2783, 0.1883
CMYK	0.01, 0.11, 0.00, 0.19
HSL	295°, 19%, 77%
HSV	295°, 11%, 81%
XYZ	53.5661, 51.7651, 66.1900
YIQ	192.9010, 5.1330, 11.6050

Conversions

Conversions Part 2

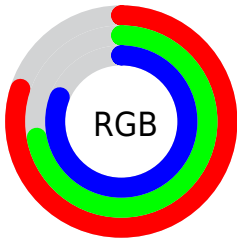
Format	Color
R _Y B	205, 184, 207
Decimal	13482191
CIE Lab	77.14, 11.54, -8.84
CIE LCh	77, 14.533, 322.549
Yxy	51.7651, 0.3123, 0.3018
Android (android.graphics.Color)	4291672271 (0xFFCDB8CF)
YUV	192.9010, 6.9508, 10.6108
Hunter-Lab	71.9480, 6.9863, -4.1815

Details

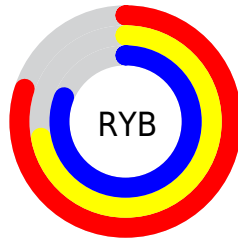
The Yxy color **51.7651, 0.3123, 0.3018** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.5286, 0.3129, 0.3575**, and the grayscale version is **53.2207, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.8002, 0.3134, 0.3146**, and **25.1118, 0.3121, 0.2943** is the 20% darker color. If you saturate the color by 10%, you get **43.5258, 0.3117, 0.2765**, and if you desaturate by 10%, it is **61.2701, 0.3127, 0.3264**.

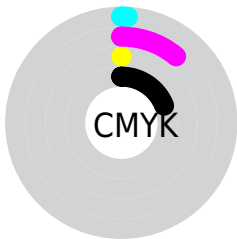
Distribution



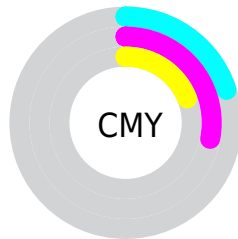
- Red (80%)
- Green (72%)
- Blue (81%)



- Red (80%)
- Yellow (72%)
- Blue (81%)



- Cyan (1%)
- Magenta (11%)
- Yellow (0%)
- Black (19%)





- Cyan (20%)
- Magenta (28%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.7651, 0.3123, 0.3018 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 51.7651, 0.3123, 0.3018 by changing the saturation by 10% instead.

 51.7651, 0.3123,
0.3018

 51.7651, 0.3123,
0.3018

393.5291, 0.3126,
0.3149

 36.8179, 0.3122,
0.2987


 92.7847, 0.3124,
0.3065

 25.0665, 0.3120,
0.2947


119.6259, 0.3125,
0.3082

 16.1266, 0.3118,
0.2896


151.2005, 0.3125,
0.3097

 9.6138, 0.3114,
0.2827

187.8930, 0.3125,
0.3111

 5.1437, 0.3108,
0.2730

230.0877, 0.3126,
0.3122

 2.3318, 0.3096,
0.2580

278.1690, 0.3126,

 0.7905, 0.3069,

0.3132

0.2316

332.5213, 0.3126,
0.3141

0.0000, 0.0000,
0.0000

51.7651, 0.3123,
0.3018

51.7651, 0.3123,
0.3018

43.5258, 0.3117,
0.2765

61.2701, 0.3127,
0.3264

36.4913, 0.3108,
0.2510

72.0854, 0.3129,
0.3497

30.6052, 0.3097,
0.2264

84.2613, 0.3129,
0.3716

25.8043, 0.3083,
0.2034

90.0679, 0.3136,
0.3803

22.0194, 0.3066,
0.1832

90.3439, 0.3147,
0.3801

■ 19.1729, 0.3047,
0.1665

■ 90.6231, 0.3159,
0.3800

■ 17.1762, 0.3027,
0.1541

■ 90.9053, 0.3170,
0.3798

■ 15.9240, 0.3005,
0.1460

■ 91.1908, 0.3182,
0.3796

■ 15.2666, 0.2985,
0.1418

■ 91.4794, 0.3194,
0.3794

Harmonies

Analogous

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



51.7651, 0.2934, 0.2962



51.7651, 0.3123, 0.3018



51.7651, 0.3318, 0.3141

Triad

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



51.7651, 0.3123, 0.3018



51.7651, 0.3461, 0.3590



51.7651, 0.2801, 0.3263

Complementary

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



51.7651, 0.3123, 0.3018



58.5286, 0.3129, 0.3575

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.



51.7651, 0.2934, 0.3445



51.7651, 0.3123, 0.3018



51.7651, 0.3315, 0.3637

Square

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



51.7651, 0.3123, 0.3018



51.7651, 0.3517, 0.3466



51.7651, 0.3122, 0.3585



51.7651, 0.2753, 0.3096

Rectangle

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



51.7651, 0.3123, 0.3018



51.7651, 0.3424, 0.3246



51.7651, 0.3122, 0.3585



51.7651, 0.2837, 0.3325

Sweetspot

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



51.7673, 0.3123, 0.3018



95.0868, 0.3126, 0.3217



49.9520, 0.2954, 0.3033



20.0784, 0.3126, 0.3197



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.



51.7673, 0.3123, 0.3018



80.0874, 0.3122, 0.2966



51.6236, 0.3212, 0.3126



11.9533, 0.3124, 0.3060



9.6414, 0.2988, 0.1420



0.5551, 0.3031, 0.1443

Inverse Universe

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



51.1037, 0.3307, 0.3266



78.8483, 0.3345, 0.3261



58.6721, 0.3051, 0.3460



11.8251, 0.3277, 0.3270



8.3922, 0.6292, 0.3240



0.4753, 0.5981, 0.3068

Previews

White Background



This preview shows how the Yxy color 51.7651, 0.3123, 0.3018 looks on a white background.

Color Contrast Check

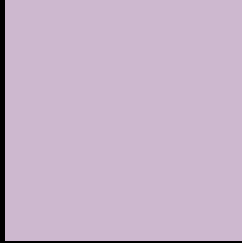
Large Text (above 18pt) WCAG AA × Fail

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 51.7651, 0.3123, 0.3018 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

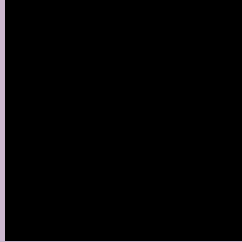
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.7651, 0.3123, 0.3018

Background



This preview shows how black text looks on a background with the Yxy color 51.7651, 0.3123, 0.3018.



This preview shows how white text looks on a background with the Yxy color 51.7651, 0.3123, 0.3018.

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

51.7651, 0.3123, 0.3018

Protanopia

51.7397, 0.2964, 0.3033

Deuteranopia

51.7595, 0.3098, 0.3028



Tritanopia

51.7054, 0.3169, 0.3110

Trichromacy



Original Color

51.7651, 0.3123, 0.3018

Protanomaly

51.6134, 0.3018, 0.3023

Deuteranomaly

51.8994, 0.3107, 0.3028

Tritanomaly

51.8471, 0.3146, 0.3075

Monochromacy



Original Color

51.7651, 0.3123, 0.3018

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

52.7744, 0.3124, 0.3193

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.7651, 0.3123, 0.3018 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(205, 184, 207)` looks like.

```
.text, #text, p{  
    color:rgb(205, 184, 207)  
}
```

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(205, 184, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 184, 207) }
```

Border

The CSS property to change the border of an element to Yxy 51.7651, 0.3123, 0.3018 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(205, 184, 207) }
```

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

```
.border{ border-color:rgb(205, 184, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 184, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 184, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 184, 207);  
box-shadow:4px 4px 4px 4px rgb(205, 184,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 51.7651, 0.3123, 0.3018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 184, 207) }
```

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

```
.background{ background-color: rgb(205,  
184, 207) }
```

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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