

Converting Colors

Yxy(52.9762, 0.3191, 0.3019)

Have a look what the booklet for
Yxy(52.9762, 0.3191, 0.3019)
contains.

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Color

Yxy(52.9321, 0.3190, 0.3023)

Conversions

Conversions Part 1

Format	Color
Hex	D5B8CF
RGB	213, 184, 207
RGB Percent	84%, 72%, 81%
CMY	0.1645, 0.2785, 0.1882
CMYK	0.00, 0.14, 0.03, 0.16
HSL	312°, 26%, 78%
HSV	312°, 14%, 84%
XYZ	55.8562, 52.9321, 66.3096
YIQ	195.2930, 9.9010, 13.3010

Conversions

Conversions Part 2

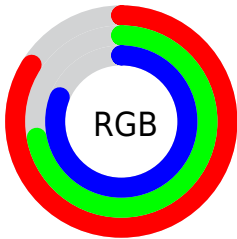
Format	Color
R _Y B	213, 184, 207
Decimal	14006479
CIE Lab	77.83, 14.35, -7.74
CIE LCh	78, 16.302, 331.649
Yxy	52.9321, 0.3190, 0.3023
Android (android.graphics.Color)	4292196559 (0xFFD5B8CF)
YUV	195.2930, 5.7716, 15.5290
Hunter-Lab	72.7545, 9.7206, -3.1097

Details

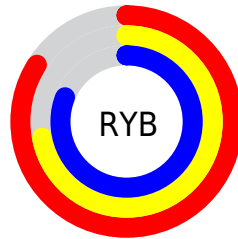
The Yxy color $52.9321, 0.3190, 0.3023$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $61.5244, 0.3070, 0.3573$, and the grayscale version is $54.7221, 0.3127, 0.3290$.

A 20% lighter version of the original color is $90.8002, 0.3134, 0.3146$, and $25.8016, 0.3199, 0.2952$ is the 20% darker color. If you saturate the color by 10%, you get $44.5266, 0.3245, 0.2820$, and if you desaturate by 10%, it is $62.6813, 0.3143, 0.3220$.

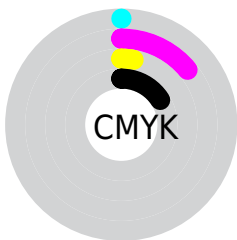
Distribution



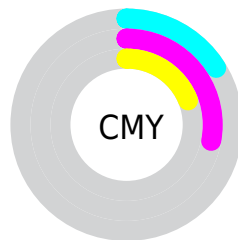
- Red (84%)
- Green (72%)
- Blue (81%)



- Red (84%)
- Yellow (72%)
- Blue (81%)



- Cyan (0%)
- Magenta (14%)
- Yellow (3%)
- Black (16%)





- Cyan (16%)
- Magenta (28%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.9321, 0.3190, 0.3023 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 52.9321, 0.3190, 0.3023 by changing the saturation by 10% instead.


 52.9321, 0.3190,
0.3023

 52.9321, 0.3190,
0.3023


398.0246, 0.3161,
0.3151

 37.7486, 0.3197,
0.2993


 94.5044, 0.3180,
0.3068

 25.7876, 0.3205,
0.2954


121.6621, 0.3176,
0.3086

 16.6648, 0.3216,
0.2905


153.5798, 0.3172,
0.3100

 9.9958, 0.3230,
0.2839

190.6421, 0.3169,
0.3113

 5.3962, 0.3250,
0.2745

233.2333, 0.3167,
0.3125

 2.4815, 0.3278,
0.2603

281.7379, 0.3164,

 0.8674, 0.3323,

0.3134

0.2361

336.5402, 0.3162,
0.3143

0.0000, 0.3040,
0.0000

0.0000, 0.0000,
0.0000

52.9321, 0.3190,
0.3023

52.9321, 0.3190,
0.3023

44.5266, 0.3245,
0.2820

62.6813, 0.3143,
0.3220

37.3984, 0.3307,
0.2617

73.8230, 0.3102,
0.3408

31.4859, 0.3376,
0.2422

86.4120, 0.3068,
0.3585

26.7195, 0.3451,
0.2243

91.0965, 0.3041,
0.3608

■ 23.0228, 0.3531,
0.2091

■ 91.3411, 0.3017,
0.3561

■ 20.3099, 0.3614,
0.1975

■ 91.5921, 0.2992,
0.3513

■ 18.4816, 0.3696,
0.1903

■ 91.8495, 0.2968,
0.3466

■ 17.4179, 0.3775,
0.1878

■ 92.1133, 0.2944,
0.3419

■ 17.0094, 0.3824,
0.1880

■ 92.3835, 0.2920,
0.3373

Harmonies

Analogous

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



52.9321, 0.2972, 0.2936



52.9321, 0.3190, 0.3023



52.9321, 0.3398, 0.3175

Triad

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



52.9321, 0.3190, 0.3023



52.9321, 0.3458, 0.3651



52.9321, 0.2737, 0.3198

Complementary

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



52.9321, 0.3190, 0.3023



61.5244, 0.3070, 0.3573

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.



52.9321, 0.2859, 0.3403



52.9321, 0.3190, 0.3023



52.9321, 0.3273, 0.3672

Square

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



52.9321, 0.3190, 0.3023



52.9321, 0.3555, 0.3533



52.9321, 0.3054, 0.3581



52.9321, 0.2716, 0.3029

Rectangle

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



52.9321, 0.3190, 0.3023



52.9321, 0.3499, 0.3297



52.9321, 0.3054, 0.3581



52.9321, 0.2768, 0.3265

Sweetspot

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



52.9344, 0.3190, 0.3023



93.5280, 0.3144, 0.3213



50.0026, 0.2955, 0.2936



19.7665, 0.3148, 0.3198



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.



52.9344, 0.3190, 0.3023



76.1398, 0.3203, 0.2972



52.2661, 0.3305, 0.3188



12.5864, 0.3169, 0.3107



10.3991, 0.3813, 0.1874



0.6386, 0.3689, 0.1806

Inverse Universe

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



52.9344, 0.3190, 0.3023



76.1398, 0.3203, 0.2972



62.1811, 0.2976, 0.3395



12.5864, 0.3169, 0.3107



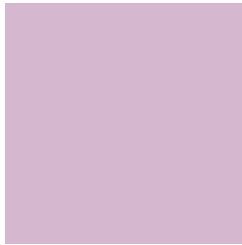
10.3991, 0.3813, 0.1874



0.6386, 0.3689, 0.1806

Previews

White Background



This preview shows how the Yxy color 52.9321, 0.3190, 0.3023 looks on a white background.

Color Contrast Check

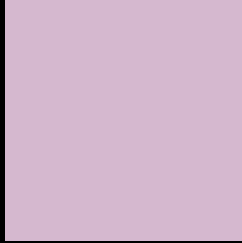
Large Text (above 18pt) WCAG AA × Fail

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 52.9321, 0.3190, 0.3023 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

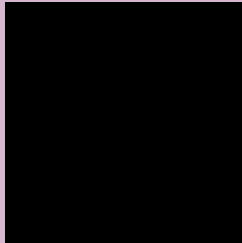
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.9321, 0.3190, 0.3023

Background



This preview shows how black text looks on a background with the Yxy color 52.9321, 0.3190, 0.3023.



This preview shows how white text looks on a background with the Yxy color 52.9321, 0.3190, 0.3023.

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

52.9321, 0.3190, 0.3023

Protanopia

52.9622, 0.2966, 0.3035

Deuteranopia

52.9760, 0.3130, 0.3065



Tritanopia

52.8651, 0.3236, 0.3114

Trichromacy



Original Color

52.9321, 0.3190, 0.3023

Protanomaly

52.6253, 0.3043, 0.3027

Deuteranomaly

52.9839, 0.3155, 0.3055

Tritanomaly

53.0068, 0.3212, 0.3080

Monochromacy



Original Color

52.9321, 0.3190, 0.3023

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

53.9417, 0.3156, 0.3194

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.9321, 0.3190, 0.3023 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(213, 184, 207)` looks like.

```
.text, #text, p{  
    color:rgb(213, 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(213, 184, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 184, 207) }
```

Border

The CSS property to change the border of an element to Yxy 52.9321, 0.3190, 0.3023 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(213, 184, 207) }
```

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

```
.border{ border-color:rgb(213, 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(213, 184, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 184, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 184, 207);  
box-shadow:4px 4px 4px 4px rgb(213, 184,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 52.9321, 0.3190, 0.3023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 184, 207) }
```

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

```
.background{ background-color: rgb(213,  
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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