

Converting Colors

Yxy(53.4683, 0.3043, 0.3031)

Have a look what the booklet for
Yxy(53.4683, 0.3043, 0.3031)
contains.

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Color

Yxy(53.2405, 0.3043, 0.3028)

Conversions

Conversions Part 1

Format	Color
Hex	C7BDD3
RGB	199, 189, 211
RGB Percent	78%, 74%, 83%
CMY	0.2197, 0.2588, 0.1726
CMYK	0.06, 0.10, 0.00, 0.17
HSL	267°, 20%, 78%
HSV	267°, 10%, 83%
XYZ	53.5042, 53.2405, 69.0825
YIQ	194.4980, -1.1020, 8.9620

Conversions

Conversions Part 2

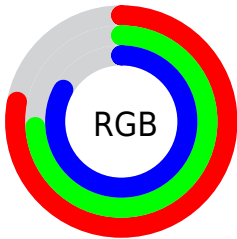
Format	Color
R _Y B	199, 189, 211
Decimal	13090259
CIE Lab	78.02, 7.60, -9.76
CIE LCh	78, 12.369, 307.911
Yxy	53.2405, 0.3043, 0.3028
Android (android.graphics.Color)	4291280339 (0xFFC7BDD3)
YUV	194.4980, 8.1355, 3.9483
Hunter-Lab	72.9661, 3.1990, -5.0581

Details

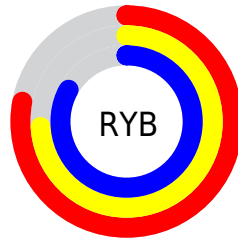
The Yxy color **53.2405, 0.3043, 0.3028** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.6839, 0.3205, 0.3551**, and the grayscale version is **54.2103, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.7848, 0.3132, 0.3194**, and **26.0284, 0.3023, 0.2972** is the 20% darker color. If you saturate the color by 10%, you get **43.2971, 0.2949, 0.2755**, and if you desaturate by 10%, it is **64.6285, 0.3124, 0.3280**.

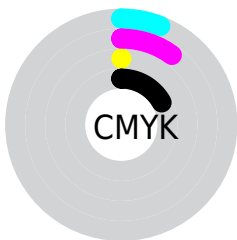
Distribution



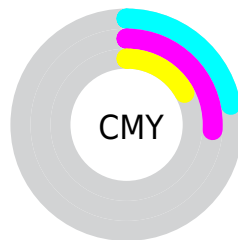
- Red (78%)
- Green (74%)
- Blue (83%)



- Red (78%)
- Yellow (74%)
- Blue (83%)



- Cyan (6%)
- Magenta (10%)
- Yellow (0%)
- Black (17%)




- Cyan (22%)
- Magenta (26%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.2405, 0.3043, 0.3028 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 53.2405, 0.3043, 0.3028 by changing the saturation by 10% instead.

 53.2405, 0.3043,
0.3028

 53.2405, 0.3043,
0.3028

399.2071, 0.3085,
0.3154

 37.9948, 0.3033,
0.2998


 94.9582, 0.3058,
0.3073

 25.9786, 0.3019,
0.2960


122.1989, 0.3064,
0.3090

 16.8077, 0.3002,
0.2911


154.2068, 0.3069,
0.3104

 10.0975, 0.2978,
0.2845

191.3662, 0.3073,
0.3117

 5.4636, 0.2942,
0.2751

234.0616, 0.3076,
0.3128

 2.5218, 0.2885,
0.2608

282.6773, 0.3080,

 0.8875, 0.2779,

0.3138

0.2364

337.5976, 0.3082,
0.3146

0.0000, 0.0000,
0.0000

53.2405, 0.3043,
0.3028

53.2405, 0.3043,
0.3028

43.2971, 0.2949,
0.2755

64.6285, 0.3124,
0.3280

34.7322, 0.2840,
0.2463

77.5103, 0.3193,
0.3509

27.4845, 0.2719,
0.2161

91.9409, 0.3250,
0.3714

21.4850, 0.2585,
0.1859

95.6558, 0.3323,
0.3730

16.6587, 0.2445,
0.1571

97.4831, 0.3388,
0.3721

■ 12.9220, 0.2302,
0.1312

■ 10.1797, 0.2163,
0.1097

■ 8.3192, 0.2035,
0.0939

■ 7.1719, 0.1927,
0.0835

Harmonies

Analogous

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



53.2405, 0.2901, 0.3014



53.2405, 0.3043, 0.3028



53.2405, 0.3211, 0.3107

Triad

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



53.2405, 0.3043, 0.3028



53.2405, 0.3442, 0.3500



53.2405, 0.2899, 0.3344

Complementary

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



53.2405, 0.3043, 0.3028



62.6839, 0.3205, 0.3551

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.



53.2405, 0.3039, 0.3485



53.2405, 0.3043, 0.3028



53.2405, 0.3354, 0.3573

Square

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



53.2405, 0.3043, 0.3028



53.2405, 0.3445, 0.3374



53.2405, 0.3205, 0.3569



53.2405, 0.2820, 0.3192

Rectangle

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



53.2405, 0.3043, 0.3028



53.2405, 0.3315, 0.3187



53.2405, 0.3205, 0.3569



53.2405, 0.2940, 0.3395

Sweetspot

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



53.2428, 0.3043, 0.3028



94.4313, 0.3104, 0.3216



57.3453, 0.2967, 0.3171



19.9012, 0.3098, 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.



53.2428, 0.3043, 0.3028



77.3669, 0.3019, 0.2956



54.7901, 0.3130, 0.3035



11.6764, 0.3052, 0.3055



4.3875, 0.1943, 0.0844



0.2922, 0.2150, 0.0958

Inverse Universe

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



54.4673, 0.3216, 0.3150



79.7124, 0.3242, 0.3112



61.2238, 0.3123, 0.3557



11.9148, 0.3206, 0.3164



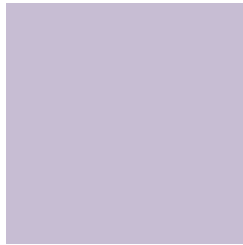
9.1304, 0.4749, 0.2390



0.5264, 0.4391, 0.2192

Previews

White Background



This preview shows how the Yxy color 53.2405, 0.3043, 0.3028 looks on a white background.

Color Contrast Check

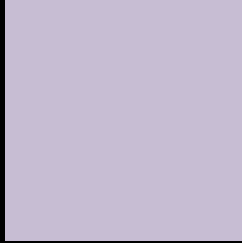
Large Text (above 18pt) WCAG AA × Fail

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 53.2405, 0.3043, 0.3028 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

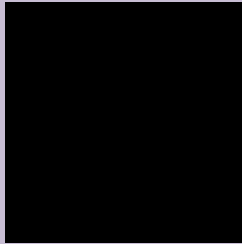
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

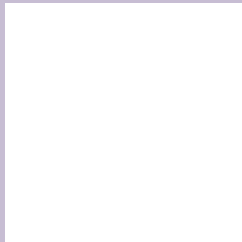
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.2405, 0.3043, 0.3028

Background



This preview shows how black text looks on a background with the Yxy color 53.2405, 0.3043, 0.3028.



This preview shows how white text looks on a background with the Yxy color 53.2405, 0.3043, 0.3028.

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

53.2405, 0.3043, 0.3028

Protanopia

53.5797, 0.2966, 0.3036

Deuteranopia

53.3661, 0.3075, 0.3018



Tritanopia

53.2405, 0.3079, 0.3110

Trichromacy



Original Color

53.2405, 0.3043, 0.3028

Protanomaly

53.4844, 0.2997, 0.3038

Deuteranomaly

53.2261, 0.3067, 0.3018

Tritanomaly

53.3377, 0.3064, 0.3086

Monochromacy



Original Color

53.2405, 0.3043, 0.3028

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.6052, 0.3100, 0.3193

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.2405, 0.3043, 0.3028 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(199, 189, 211)` looks like.

```
.text, #text, p{  
    color:rgb(199, 189, 211)  
}
```

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(199, 189, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 189, 211) }
```

Border

The CSS property to change the border of an element to Yxy 53.2405, 0.3043, 0.3028 is called "border". The border property can be set on classes, ids or directly on the HTML element.

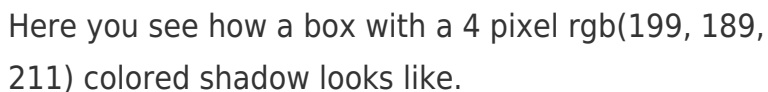
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(199, 189, 211) }
```

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

```
.border{ border-color:rgb(199, 189, 211) }
```

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



Here you see how a box with a 4 pixel `rgb(199, 189, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 189, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 189, 211);  
box-shadow:4px 4px 4px 4px rgb(199, 189,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 53.2405, 0.3043, 0.3028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 189, 211) }
```

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

```
.background{ background-color: rgb(199,  
189, 211) }
```

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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