

Converting Colors

Yxy(54.1338, 0.3014, 0.3044)

Have a look what the booklet for
Yxy(54.1338, 0.3014, 0.3044)
contains.

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Color

Yxy(54.3231, 0.3020, 0.3051)

Conversions

Conversions Part 1

Format	Color
Hex	C5C0D4
RGB	197, 192, 212
RGB Percent	77%, 75%, 83%
CMY	0.2273, 0.2471, 0.1685
CMYK	0.07, 0.09, 0.00, 0.17
HSL	255°, 19%, 79%
HSV	255°, 9%, 83%
XYZ	53.7711, 54.3231, 69.9559
YIQ	195.7750, -3.4400, 7.2800

Conversions

Conversions Part 2

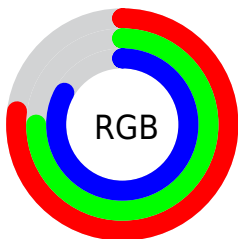
Format	Color
R _{YB}	197, 192, 212
Decimal	12959956
CIE Lab	78.65, 5.56, -9.39
CIE LCh	79, 10.910, 300.620
Yxy	54.3231, 0.3020, 0.3051
Android (android.graphics.Color)	4291150036 (0xFFC5C0D4)
YUV	195.7750, 7.9989, 1.0743
Hunter-Lab	73.7042, 1.2429, -4.6818

Details

The Yxy color **54.3231, 0.3020, 0.3051** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.1662, 0.3228, 0.3524**, and the grayscale version is **55.0185, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.4256, 0.3124, 0.3223**, and **26.7392, 0.2993, 0.3003** is the 20% darker color. If you saturate the color by 10%, you get **43.6475, 0.2890, 0.2771**, and if you desaturate by 10%, it is **66.5695, 0.3133, 0.3303**.

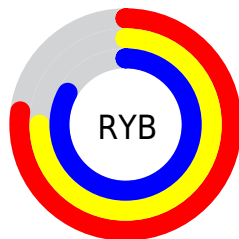
Distribution



Red (77%)

Green (75%)

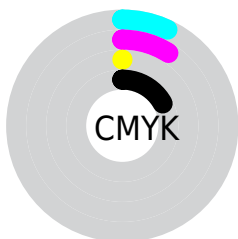
Blue (83%)



Red (77%)

Yellow (75%)

Blue (83%)

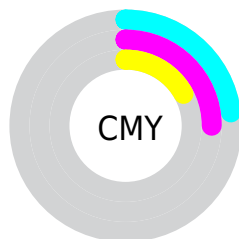


Cyan (7%)

Magenta (9%)

Yellow (0%)

Black (17%)



Cyan (23%)

Magenta (25%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.3231, 0.3020, 0.3051 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 54.3231, 0.3020, 0.3051 by changing the saturation by 10% instead.

■ 54.3231, 0.3020,
0.3051

■ 54.3231, 0.3020,
0.3051

403.3409, 0.3073,
0.3166

■ 38.8600, 0.3007,
0.3024

■ 96.5485, 0.3039,
0.3092

■ 26.6509, 0.2991,
0.2989

124.0796, 0.3046,
0.3107

■ 17.3112, 0.2969,
0.2944

156.4022, 0.3052,
0.3121

■ 10.4566, 0.2940,
0.2884

193.9006, 0.3057,
0.3132

■ 5.7027, 0.2897,
0.2799

236.9593, 0.3062,
0.3142

■ 2.6652, 0.2830,
0.2668

285.9627, 0.3066,

■ 0.9595, 0.2709,

0.3151

0.2446

341.2951, 0.3070,
0.3159

0.0000, 0.0000,
0.0000

54.3231, 0.3020,
0.3051

54.3231, 0.3020,
0.3051

43.6475, 0.2890,
0.2771

66.5695, 0.3133,
0.3303

34.4717, 0.2742,
0.2467

80.4400, 0.3230,
0.3527

26.7297, 0.2579,
0.2144

95.6137, 0.3313,
0.3720

20.3476, 0.2403,
0.1815

97.5348, 0.3381,
0.3710

15.2448, 0.2222,
0.1495

■ 11.3321, 0.2046,
0.1205

■ 8.5084, 0.1884,
0.0965

■ 6.6550, 0.1749,
0.0790

■ 5.5762, 0.1646,
0.0683

Harmonies

Analogous

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



54.3231, 0.2906, 0.3055



54.3231, 0.3020, 0.3051



54.3231, 0.3165, 0.3108

Triad

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



54.3231, 0.3020, 0.3051



54.3231, 0.3411, 0.3451



54.3231, 0.2953, 0.3370

Complementary

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



54.3231, 0.3020, 0.3051



64.1662, 0.3228, 0.3524

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.



54.3231, 0.3085, 0.3483



54.3231, 0.3020, 0.3051



54.3231, 0.3350, 0.3528

Square

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



54.3231, 0.3020, 0.3051



54.3231, 0.3393, 0.3334



54.3231, 0.3230, 0.3541



54.3231, 0.2868, 0.3236

Rectangle

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



54.3231, 0.3020, 0.3051



54.3231, 0.3260, 0.3172



54.3231, 0.3230, 0.3541



54.3231, 0.2993, 0.3412

Sweetspot

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



54.3254, 0.3020, 0.3051



94.1475, 0.3094, 0.3216



60.5936, 0.2982, 0.3230



19.8248, 0.3085, 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.



54.3254, 0.3020, 0.3051



79.6292, 0.3000, 0.3006



55.7163, 0.3098, 0.3057



12.1588, 0.3020, 0.3052



3.4515, 0.1652, 0.0684



0.2478, 0.1833, 0.0783

Inverse Universe

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



56.1980, 0.3176, 0.3117



82.9428, 0.3185, 0.3086



62.7757, 0.3153, 0.3529



12.5766, 0.3176, 0.3117



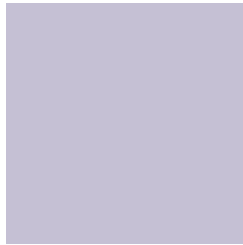
10.1915, 0.3967, 0.1959



0.6277, 0.3808, 0.1871

Previews

White Background



This preview shows how the Yxy color 54.3231, 0.3020, 0.3051 looks on a white background.

Color Contrast Check

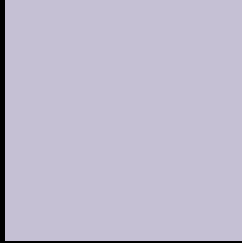
Large Text (above 18pt) WCAG AA × Fail

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 54.3231, 0.3020, 0.3051 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

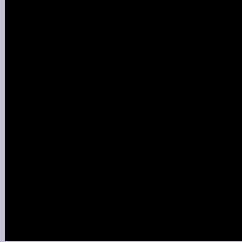
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

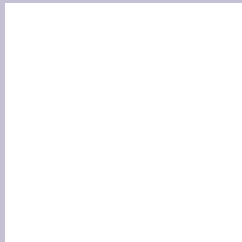
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.3231, 0.3020, 0.3051

Background



This preview shows how black text looks on a background with the Yxy color 54.3231, 0.3020, 0.3051.



This preview shows how white text looks on a background with the Yxy color 54.3231, 0.3020, 0.3051.

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

54.3231, 0.3020, 0.3051

Protanopia

54.2815, 0.2982, 0.3050

Deuteranopia

54.1784, 0.3076, 0.3009



Tritanopia

54.4298, 0.3041, 0.3110

Trichromacy



Original Color

54.3231, 0.3020, 0.3051

Protanomaly

54.4134, 0.2990, 0.3050

Deuteranomaly

54.1876, 0.3052, 0.3019

Tritanomaly

54.4791, 0.3033, 0.3098

Monochromacy



Original Color

54.3231, 0.3020, 0.3051

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.0302, 0.3084, 0.3205

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.3231, 0.3020, 0.3051 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(197, 192, 212)` looks like.

```
.text, #text, p{  
    color:rgb(197, 192, 212)  
}
```

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(197, 192, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 192, 212) }
```

Border

The CSS property to change the border of an element to Yxy 54.3231, 0.3020, 0.3051 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(197, 192, 212) }
```

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

```
.border{ border-color:rgb(197, 192, 212) }
```

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

Here you see how a box with a 4 pixel rgb(197, 192, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 192, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 192, 212);  
box-shadow:4px 4px 4px 4px rgb(197, 192,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 54.3231, 0.3020, 0.3051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 192, 212) }
```

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

```
.background{ background-color: rgb(197,  
192, 212) }
```

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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