

Converting Colors

Yxy(54.9284, 0.3075, 0.3123)

Have a look what the booklet for
Yxy(54.9284, 0.3075, 0.3123)
contains.

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Color

Yxy(54.9243, 0.3079, 0.3123)

Conversions

Conversions Part 1

Format	Color
Hex	C8C1CF
RGB	200, 193, 207
RGB Percent	78%, 76%, 81%
CMY	0.2158, 0.2431, 0.1881
CMYK	0.03, 0.07, 0.00, 0.19
HSL	270°, 13%, 78%
HSV	270°, 7%, 81%
XYZ	54.1505, 54.9243, 66.7955
YIQ	196.6890, -0.3220, 5.8380

Conversions

Conversions Part 2

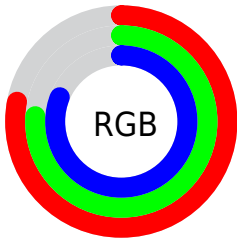
Format	Color
R _Y B	200, 193, 207
Decimal	13156815
CIE Lab	79.00, 5.03, -6.15
CIE LCh	79, 7.943, 309.266
Yxy	54.9243, 0.3079, 0.3123
Android (android.graphics.Color)	4291346895 (0xFFC8C1CF)
YUV	196.6890, 5.0833, 2.9037
Hunter-Lab	74.1109, 0.7301, -1.5599

Details

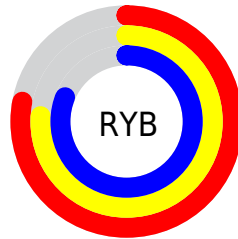
The Yxy color **54.9243, 0.3079, 0.3123** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.7762, 0.3173, 0.3457**, and the grayscale version is **55.6071, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2314, 0.3130, 0.3233**, and **27.1671, 0.3062, 0.3083** is the 20% darker color. If you saturate the color by 10%, you get **45.0205, 0.2998, 0.2859**, and if you desaturate by 10%, it is **66.2116, 0.3148, 0.3366**.

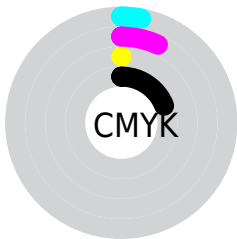
Distribution



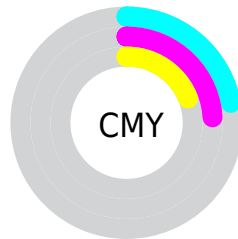
- Red (78%)
- Green (76%)
- Blue (81%)



- Red (78%)
- Yellow (76%)
- Blue (81%)



- Cyan (3%)
- Magenta (7%)
- Yellow (0%)
- Black (19%)




- Cyan (22%)
- Magenta (24%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.9243, 0.3079, 0.3123 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 54.9243, 0.3079, 0.3123 by changing the saturation by 10% instead.


 54.9243, 0.3079,
0.3123

 54.9243, 0.3079,
0.3123


405.6249, 0.3103,
0.3203

 39.3411, 0.3073,
0.3104


 97.4300, 0.3088,
0.3152

 27.0252, 0.3066,
0.3080


125.1214, 0.3091,
0.3163

 17.5921, 0.3056,
0.3048


157.6176, 0.3094,
0.3172

 10.6576, 0.3043,
0.3006

195.3030, 0.3096,
0.3180

 5.8371, 0.3023,
0.2945

238.5620, 0.3098,
0.3187

 2.7463, 0.2992,
0.2853

287.7791, 0.3100,

 1.0007, 0.2934,

0.3193

0.2692

343.3386, 0.3101,
0.3199

0.0000, 0.0529,
0.0000

0.0000, 0.0000,
0.0000

54.9243, 0.3079,
0.3123

54.9243, 0.3079,
0.3123

45.0205, 0.2998,
0.2859

66.2116, 0.3148,
0.3366

36.4383, 0.2903,
0.2577

78.9270, 0.3207,
0.3587

29.1214, 0.2797,
0.2282

93.0478, 0.3255,
0.3784

23.0068, 0.2678,
0.1985

94.8329, 0.3323,
0.3774

■ 18.0257, 0.2550,
0.1697

■ 96.7227, 0.3392,
0.3763

■ 14.1023, 0.2417,
0.1433

■ 97.2863, 0.3412,
0.3760

■ 11.1510, 0.2285,
0.1208

■ 9.0723, 0.2159,
0.1033

■ 7.7365, 0.2045,
0.0914

Harmonies

Analogous

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



54.9243, 0.2987, 0.3113



54.9243, 0.3079, 0.3123



54.9243, 0.3186, 0.3176

Triad

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



54.9243, 0.3079, 0.3123



54.9243, 0.3325, 0.3428



54.9243, 0.2978, 0.3321

Complementary

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



54.9243, 0.3079, 0.3123



60.7762, 0.3173, 0.3457

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.



54.9243, 0.3067, 0.3409



54.9243, 0.3079, 0.3123



54.9243, 0.3268, 0.3470

Square

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



54.9243, 0.3079, 0.3123



54.9243, 0.3329, 0.3349



54.9243, 0.3173, 0.3464



54.9243, 0.2929, 0.3225

Rectangle

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



54.9243, 0.3079, 0.3123



54.9243, 0.3250, 0.3228



54.9243, 0.3173, 0.3464



54.9243, 0.3004, 0.3352

Sweetspot

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



54.9266, 0.3079, 0.3123



96.3062, 0.3113, 0.3241



57.2699, 0.3024, 0.3208



20.6522, 0.3114, 0.3244



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.



54.9266, 0.3079, 0.3123



85.7750, 0.3069, 0.3089



55.8855, 0.3133, 0.3126



11.7023, 0.3059, 0.3055



4.7101, 0.2025, 0.0889



0.3105, 0.2226, 0.1000

Inverse Universe

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



55.5855, 0.3187, 0.3207



87.0314, 0.3200, 0.3190



59.8587, 0.3121, 0.3460



11.9059, 0.3213, 0.3174



9.0071, 0.4934, 0.2492



0.5196, 0.4533, 0.2271

Previews

White Background



This preview shows how the Yxy color 54.9243, 0.3079, 0.3123 looks on a white background.

Color Contrast Check

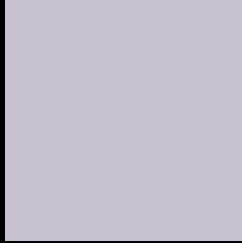
Large Text (above 18pt) WCAG AA × Fail

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 54.9243, 0.3079, 0.3123 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

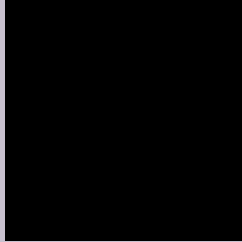
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

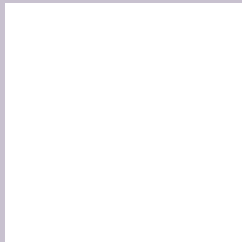
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.9243, 0.3079, 0.3123

Background



This preview shows how black text looks on a background with the Yxy color 54.9243, 0.3079, 0.3123.

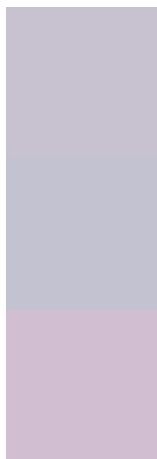


This preview shows how white text looks on a background with the Yxy color 54.9243, 0.3079, 0.3123.

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

54.9243, 0.3079, 0.3123

Protanopia

54.7397, 0.3033, 0.3122

Deuteranopia

54.9363, 0.3145, 0.3080



Tritanopia

54.9734, 0.3072, 0.3112

Trichromacy



Original Color

54.9243, 0.3079, 0.3123

Protanomaly

55.0080, 0.3048, 0.3122

Deuteranomaly

54.9375, 0.3120, 0.3091

Tritanomaly

54.9734, 0.3072, 0.3112

Monochromacy



Original Color

54.9243, 0.3079, 0.3123

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.7027, 0.3106, 0.3230

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.9243, 0.3079, 0.3123 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(200, 193, 207)` looks like.

```
.text, #text, p{  
    color:rgb(200, 193, 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(200, 193, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 193, 207) }
```

Border

The CSS property to change the border of an element to Yxy 54.9243, 0.3079, 0.3123 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(200, 193, 207) }
```

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

```
.border{ border-color:rgb(200, 193, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 193, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 193, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 193, 207);  
box-shadow:4px 4px 4px 4px rgb(200, 193,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 54.9243, 0.3079, 0.3123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 193, 207) }
```

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

```
.background{ background-color: rgb(200,  
193, 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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