

Converting Colors

$Yxy(55.2096, 0.3026, 0.3187)$

Have a look what the booklet for
Yxy(55.2096, 0.3026, 0.3187)
contains.

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Color

Yxy(54.9640, 0.3023, 0.3180)

Conversions

Conversions Part 1

Format	Color
Hex	BFC4CD
RGB	191, 196, 205
RGB Percent	75%, 77%, 80%
CMY	0.2509, 0.2314, 0.1960
CMYK	0.07, 0.04, 0.00, 0.20
HSL	219°, 12%, 78%
HSV	219°, 7%, 80%
XYZ	52.2504, 54.9640, 65.6284
YIQ	195.5310, -5.8690, 1.7390

Conversions

Conversions Part 2

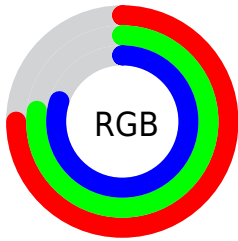
Format	Color
R _Y B	191, 195, 205
Decimal	12567757
CIE Lab	79.02, 0.02, -5.11
CIE LCh	79, 5.115, 270.256
Yxy	54.9640, 0.3023, 0.3180
Android (android.graphics.Color)	4290757837 (0xFFBFC4CD)
YUV	195.5310, 4.6682, -3.9737
Hunter-Lab	74.1377, -3.9387, -0.5885

Details

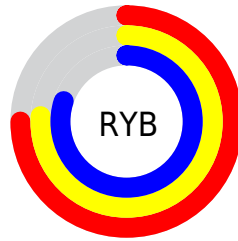
The Yxy color **54.9640, 0.3023, 0.3180** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.0744, 0.3233, 0.3398**, and the grayscale version is **54.8840, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.2447, 0.3078, 0.3271**, and **26.9836, 0.2998, 0.3143** is the 20% darker color. If you saturate the color by 10%, you get **46.7908, 0.2862, 0.3002**, and if you desaturate by 10%, it is **64.0389, 0.3174, 0.3338**.

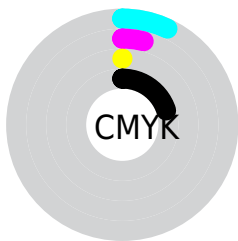
Distribution



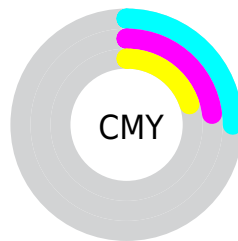
- Red (75%)
- Green (77%)
- Blue (80%)



- Red (75%)
- Yellow (76%)
- Blue (80%)



- Cyan (7%)
- Magenta (4%)
- Yellow (0%)
- Black (20%)



- Cyan (25%)
- Magenta (23%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.9640, 0.3023, 0.3180 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 54.9640, 0.3023, 0.3180 by changing the saturation by 10% instead.

■ 54.9640, 0.3023,
0.3180

■ 54.9640, 0.3023,
0.3180

405.7755, 0.3074,
0.3234

■ 39.3729, 0.3011,
0.3167

■ 97.4882, 0.3041,
0.3199

■ 27.0499, 0.2995,
0.3151

125.1901, 0.3048,
0.3206

■ 17.6107, 0.2975,
0.3129

157.6977, 0.3054,
0.3213

■ 10.6709, 0.2948,
0.3100

195.3955, 0.3059,
0.3218

■ 5.8460, 0.2908,
0.3059

238.6677, 0.3063,
0.3223

■ 2.7517, 0.2847,
0.2994

287.8989, 0.3067,

■ 1.0035, 0.2737,

0.3227

0.2878

343.4733, 0.3071,
0.3230

0.0000, 0.0000,
0.0000

54.9640, 0.3023,
0.3180

54.9640, 0.3023,
0.3180

46.7908, 0.2862,
0.3002

64.0389, 0.3174,
0.3338

39.4835, 0.2692,
0.2805

74.0360, 0.3313,
0.3477

33.0139, 0.2516,
0.2588

84.9838, 0.3441,
0.3599

27.3497, 0.2340,
0.2355

93.3266, 0.3434,
0.3723

22.4562, 0.2168,
0.2110

97.1890, 0.3424,
0.3780

■ 18.2958, 0.2008,
0.1861

■ 14.8274, 0.1867,
0.1617

■ 12.0044, 0.1753,
0.1389

■ 9.7704, 0.1669,
0.1185

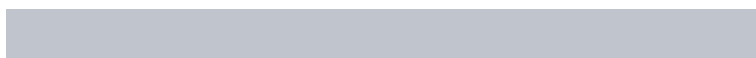
Harmonies

Analogous

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



54.9640, 0.2997, 0.3213



54.9640, 0.3023, 0.3180



54.9640, 0.3077, 0.3177

Triad

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



54.9640, 0.3023, 0.3180



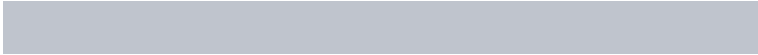
54.9640, 0.3250, 0.3311



54.9640, 0.3109, 0.3380

Complementary

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



54.9640, 0.3023, 0.3180



58.0744, 0.3233, 0.3398

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.



54.9640, 0.3177, 0.3406



54.9640, 0.3023, 0.3180



54.9640, 0.3259, 0.3366

Square

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



54.9640, 0.3023, 0.3180



54.9640, 0.3208, 0.3252



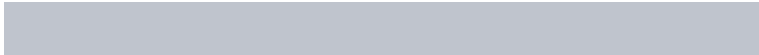
54.9640, 0.3232, 0.3401



54.9640, 0.3046, 0.3328

Rectangle

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



54.9640, 0.3023, 0.3180



54.9640, 0.3122, 0.3191



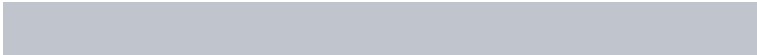
54.9640, 0.3232, 0.3401



54.9640, 0.3132, 0.3392

Sweetspot

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



54.9663, 0.3023, 0.3180



96.9664, 0.3097, 0.3258



58.9185, 0.3057, 0.3352



20.7867, 0.3098, 0.3260



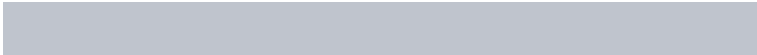
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



54.9663, 0.3023, 0.3180



88.2312, 0.3003, 0.3159



53.0001, 0.3038, 0.3119



11.4858, 0.2983, 0.3136



5.8652, 0.1653, 0.1152



0.4450, 0.1765, 0.1553

Inverse Universe

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



54.2370, 0.3204, 0.3231



86.8499, 0.3219, 0.3219



60.1561, 0.3213, 0.3457



11.2785, 0.3235, 0.3208



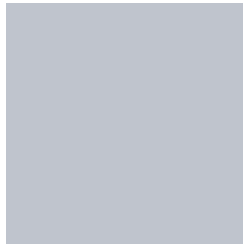
8.3951, 0.5535, 0.2823



0.4475, 0.4990, 0.2523

Previews

White Background



This preview shows how the Yxy color 54.9640, 0.3023, 0.3180 looks on a white background.

Color Contrast Check

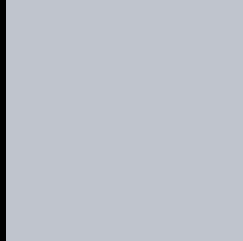
Large Text (above 18pt) WCAG AA × Fail

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 54.9640, 0.3023, 0.3180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

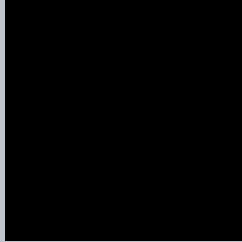
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

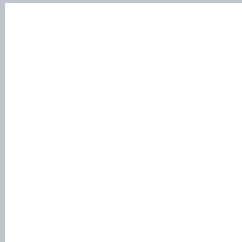
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.9640, 0.3023, 0.3180

Background



This preview shows how black text looks on a background with the Yxy color 54.9640, 0.3023, 0.3180.



This preview shows how white text looks on a background with the Yxy color 54.9640, 0.3023, 0.3180.

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

54.9640, 0.3023, 0.3180

Protanopia

54.6790, 0.3069, 0.3169

Deuteranopia

54.9848, 0.3168, 0.3104



Tritanopia

54.9398, 0.2988, 0.3097

Trichromacy



Original Color

54.9640, 0.3023, 0.3180

Protanomaly

54.8592, 0.3054, 0.3181

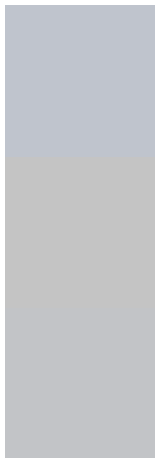
Deuteranomaly

54.8520, 0.3111, 0.3124

Tritanomaly

54.8401, 0.3002, 0.3121

Monochromacy



Original Color

54.9640, 0.3023, 0.3180

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.0727, 0.3089, 0.3253

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.9640, 0.3023, 0.3180 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(191, 196, 205)` looks like.

```
.text, #text, p{  
    color:rgb(191, 196, 205)  
}
```

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(191, 196, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 196, 205) }
```

Border

The CSS property to change the border of an element to Yxy 54.9640, 0.3023, 0.3180 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(191, 196, 205) }
```

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

```
.border{ border-color:rgb(191, 196, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 196, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 196, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 196, 205);  
box-shadow:4px 4px 4px 4px rgb(191, 196,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 54.9640, 0.3023, 0.3180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 196, 205) }
```

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

```
.background{ background-color: rgb(191,  
196, 205) }
```

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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