

Converting Colors

Yxy(54.7638, 0.3068, 0.3205)

Have a look what the booklet for
Yxy(54.7638, 0.3068, 0.3205)
contains.

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Color

Yxy(54.7638, 0.3068, 0.3205)

Conversions

Conversions Part 1

Format	Color
Hex	C2C3CA
RGB	194, 195, 202
RGB Percent	76%, 76%, 79%
CMY	0.2392, 0.2353, 0.2078
CMYK	0.04, 0.03, 0.00, 0.21
HSL	232°, 7%, 78%
HSV	232°, 4%, 79%
XYZ	52.4229, 54.7638, 63.6832
YIQ	195.4990, -2.8430, 1.9650

Conversions

Conversions Part 2

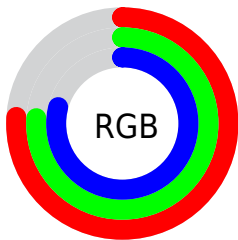
Format	Color
RYB	194, 195, 202
Decimal	12764106
CIELab	78.91, 0.97, -3.63
CIELCh	79, 3.756, 284.984
Yxy	54.7638, 0.3068, 0.3205
Android (android.graphics.Color)	4290954186 (0xFFC2C3CA)
YUV	195.4990, 3.2050, -1.3146
Hunter-Lab	74.0026, -3.0564, 0.7795

Details

The Yxy color **54.7638, 0.3068, 0.3205** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.2201, 0.3186, 0.3374**, and the grayscale version is **54.8691, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.1648, 0.3097, 0.3261**, and **26.7633, 0.3048, 0.3176** is the 20% darker color. If you saturate the color by 10%, you get **44.8235, 0.2907, 0.2970**, and if you desaturate by 10%, it is **66.0073, 0.3212, 0.3411**.

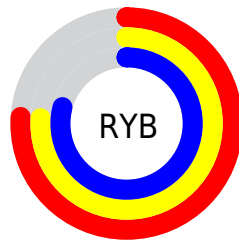
Distribution



Red (76%)

Green (76%)

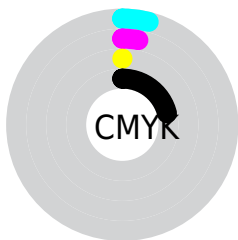
Blue (79%)



Red (76%)

Yellow (76%)

Blue (79%)

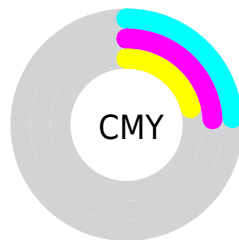


Cyan (4%)

Magenta (3%)

Yellow (0%)

Black (21%)



Cyan (24%)

Magenta (24%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.7638, 0.3068, 0.3205 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 54.7638, 0.3068, 0.3205 by changing the saturation by 10% instead.

■ 54.7638, 0.3068,
0.3205

■ 54.7638, 0.3068,
0.3205

405.0160, 0.3097,
0.3246

■ 39.2126, 0.3061,
0.3195

□ 97.1948, 0.3078,
0.3220

■ 26.9252, 0.3052,
0.3182

124.8434, 0.3082,
0.3225

■ 17.5170, 0.3041,
0.3166

157.2933, 0.3086,
0.3230

■ 10.6038, 0.3025,
0.3144

194.9289, 0.3088,
0.3234

■ 5.8011, 0.3002,
0.3111

238.1346, 0.3091,
0.3238

■ 2.7245, 0.2966,
0.3061

287.2947, 0.3093,

■ 0.9897, 0.2902,

0.3241

0.2972

342.7937, 0.3095,
0.3244

0.0000, 0.0000,
0.0000

54.7638, 0.3068,
0.3205

54.7638, 0.3068,
0.3205

44.8235, 0.2907,
0.2970

66.0073, 0.3212,
0.3411

36.1324, 0.2729,
0.2707

78.5916, 0.3340,
0.3590

28.6430, 0.2537,
0.2416

92.5615, 0.3452,
0.3746

22.3022, 0.2337,
0.2105

97.0442, 0.3442,
0.3810

17.0525, 0.2136,
0.1785

■ 12.8320, 0.1945,
0.1470

■ 9.5721, 0.1778,
0.1183

■ 7.1957, 0.1647,
0.0942

■ 5.6133, 0.1559,
0.0765

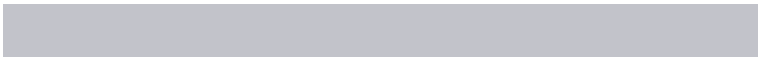
Harmonies

Analogous

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



54.7638, 0.3038, 0.3219



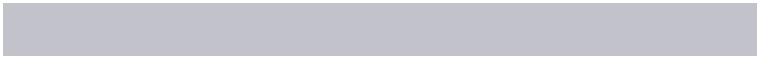
54.7638, 0.3068, 0.3205



54.7638, 0.3114, 0.3214

Triad

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



54.7638, 0.3068, 0.3205



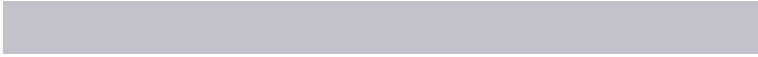
54.7638, 0.3224, 0.3327



54.7638, 0.3090, 0.3339

Complementary

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



54.7638, 0.3068, 0.3205



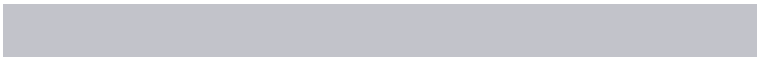
58.2201, 0.3186, 0.3374

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.



54.7638, 0.3140, 0.3368



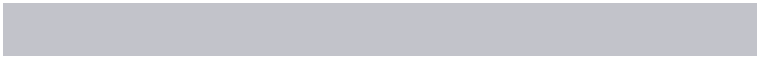
54.7638, 0.3068, 0.3205



54.7638, 0.3217, 0.3361

Square

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



54.7638, 0.3068, 0.3205



54.7638, 0.3205, 0.3283



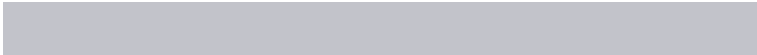
54.7638, 0.3186, 0.3376



54.7638, 0.3050, 0.3296

Rectangle

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



54.7638, 0.3068, 0.3205



54.7638, 0.3148, 0.3231



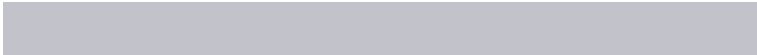
54.7638, 0.3186, 0.3376



54.7638, 0.3106, 0.3351

Sweetspot

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



54.7661, 0.3068, 0.3205



98.1059, 0.3112, 0.3269



57.9235, 0.3073, 0.3303



21.0187, 0.3113, 0.3270



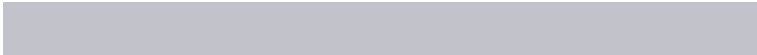
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



54.7661, 0.3068, 0.3205



90.7571, 0.3051, 0.3180



54.7076, 0.3091, 0.3193



11.9247, 0.3042, 0.3168



3.2766, 0.1529, 0.0703



0.2462, 0.1603, 0.0972

Inverse Universe

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



55.0792, 0.3184, 0.3278



91.4362, 0.3201, 0.3275



58.2866, 0.3162, 0.3386



12.0252, 0.3210, 0.3273



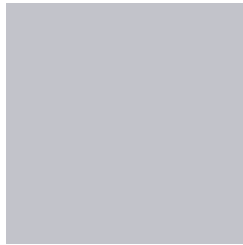
8.1338, 0.6228, 0.3204



0.4274, 0.5801, 0.2969

Previews

White Background



This preview shows how the Yxy color 54.7638, 0.3068, 0.3205 looks on a white background.

Color Contrast Check

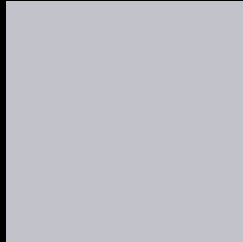
Large Text (above 18pt) WCAG AA × Fail

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 54.7638, 0.3068, 0.3205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

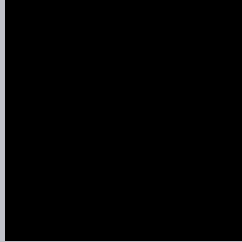
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

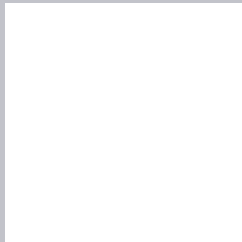
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.7638, 0.3068, 0.3205

Background



This preview shows how black text looks on a background with the Yxy color 54.7638, 0.3068, 0.3205.

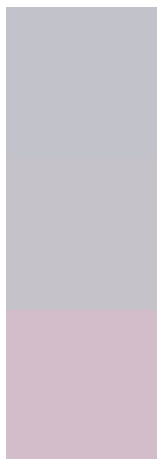


This preview shows how white text looks on a background with the Yxy color 54.7638, 0.3068, 0.3205.

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

54.7638, 0.3068, 0.3205

Protanopia

54.6709, 0.3099, 0.3205

Deuteranopia

54.5559, 0.3200, 0.3127



Tritanopia

54.7891, 0.3026, 0.3110

Trichromacy



Original Color

54.7638, 0.3068, 0.3205

Protanomaly

54.5364, 0.3091, 0.3205

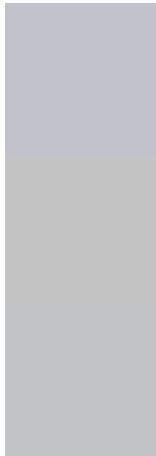
Deuteranomaly

54.5525, 0.3150, 0.3148

Tritanomaly

54.6419, 0.3047, 0.3145

Monochromacy



Original Color

54.7638, 0.3068, 0.3205

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.1592, 0.3105, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.7638, 0.3068, 0.3205 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(194, 195, 202)` looks like.

```
.text, #text, p{  
    color:rgb(194, 195, 202)  
}
```

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(194, 195, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 195, 202) }
```

Border

The CSS property to change the border of an element to Yxy 54.7638, 0.3068, 0.3205 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(194, 195, 202) }
```

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

```
.border{ border-color:rgb(194, 195, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 195, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 195, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 195, 202);  
box-shadow:4px 4px 4px 4px rgb(194, 195,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 54.7638, 0.3068, 0.3205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 195, 202) }
```

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

```
.background{ background-color: rgb(194,  
195, 202) }
```

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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