

Converting Colors

$Yxy(53.9353, 0.3053, 0.3208)$

Have a look what the booklet for
Yxy(53.9353, 0.3053, 0.3208)
contains.

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Color

Yxy(53.8770, 0.3052, 0.3204)

Conversions

Conversions Part 1

Format	Color
Hex	BFC2C9
RGB	191, 194, 201
RGB Percent	75%, 76%, 79%
CMY	0.2510, 0.2392, 0.2117
CMYK	0.05, 0.03, 0.00, 0.21
HSL	222°, 8%, 77%
HSV	222°, 5%, 79%
XYZ	51.3210, 53.8770, 62.9574
YIQ	193.9010, -4.0350, 1.5410

Conversions

Conversions Part 2

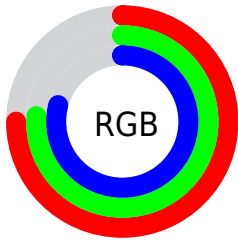
Format	Color
R_{YB}	191, 193, 201
Decimal	12567241
CIE _{Lab}	78.39, 0.30, -3.88
CIE _{LCh}	78, 3.890, 274.393
Yxy	53.8770, 0.3052, 0.3204
Android (android.graphics.Color)	4290757321 (0xFFBFC2C9)
YUV	193.9010, 3.4998, -2.5442
Hunter-Lab	73.4010, -3.6467, 0.5265

Details

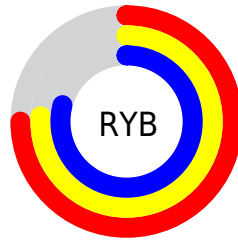
The Yxy color **53.8770, 0.3052, 0.3204** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.5718, 0.3203, 0.3375**, and the grayscale version is **53.8694, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.3654, 0.3079, 0.3242**, and **26.2660, 0.3037, 0.3174** is the 20% darker color. If you saturate the color by 10%, you get **45.4796, 0.2892, 0.3015**, and if you desaturate by 10%, it is **63.2298, 0.3200, 0.3371**.

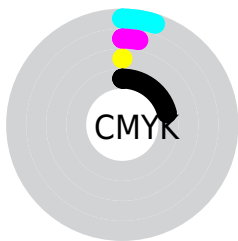
Distribution



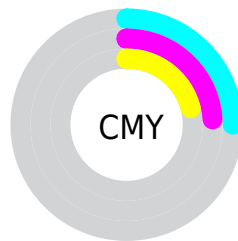
- Red (75%)
- Green (76%)
- Blue (79%)



- Red (75%)
- Yellow (76%)
- Blue (79%)



- Cyan (5%)
- Magenta (3%)
- Yellow (0%)
- Black (21%)



- Cyan (25%)
- Magenta (24%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.8770, 0.3052, 0.3204 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 53.8770, 0.3052, 0.3204 by changing the saturation by 10% instead.

■ 53.8770, 0.3052,
0.3204

■ 53.8770, 0.3052,
0.3204

401.6408, 0.3089,
0.3246

■ 38.5033, 0.3043,
0.3194

■ 95.8936, 0.3065,
0.3219

■ 26.3736, 0.3032,
0.3181

123.3054, 0.3070,
0.3225

■ 17.1033, 0.3017,
0.3164

155.4986, 0.3074,
0.3230

■ 10.3082, 0.2997,
0.3141

192.8577, 0.3078,
0.3234

■ 5.6038, 0.2968,
0.3108

235.7671, 0.3081,
0.3237

■ 2.6057, 0.2922,
0.3055

284.6111, 0.3084,

■ 0.9295, 0.2838,

0.3241

0.2961

339.7742, 0.3086,
0.3243

0.0000, 0.0000,
0.0000

53.8770, 0.3052,
0.3204

53.8770, 0.3052,
0.3204

45.4796, 0.2892,
0.3015

63.2298, 0.3200,
0.3371

37.9998, 0.2721,
0.2804

73.5604, 0.3335,
0.3518

31.4073, 0.2542,
0.2571

84.8993, 0.3458,
0.3647

25.6675, 0.2359,
0.2321

94.0279, 0.3457,
0.3777

20.7434, 0.2179,
0.2057

96.9975, 0.3448,
0.3820

■ 16.5952, 0.2009,
0.1790

■ 13.1790, 0.1858,
0.1530

■ 10.4461, 0.1735,
0.1289

■ 8.3403, 0.1644,
0.1080

Harmonies

Analogous

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



53.8770, 0.3029, 0.3226



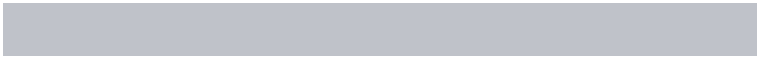
53.8770, 0.3052, 0.3204



53.8770, 0.3096, 0.3205

Triad

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



53.8770, 0.3052, 0.3204



53.8770, 0.3224, 0.3313



53.8770, 0.3106, 0.3354

Complementary

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



53.8770, 0.3052, 0.3204



56.5718, 0.3203, 0.3375

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.



53.8770, 0.3158, 0.3377



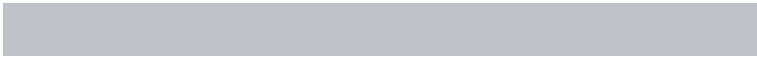
53.8770, 0.3052, 0.3204



53.8770, 0.3227, 0.3353

Square

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



53.8770, 0.3052, 0.3204



53.8770, 0.3195, 0.3267



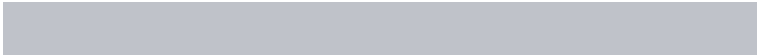
53.8770, 0.3203, 0.3377



53.8770, 0.3060, 0.3313

Rectangle

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



53.8770, 0.3052, 0.3204



53.8770, 0.3130, 0.3218



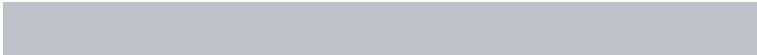
53.8770, 0.3203, 0.3377



53.8770, 0.3124, 0.3364

Sweetspot

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



53.8793, 0.3052, 0.3204



98.3859, 0.3112, 0.3273



56.9316, 0.3072, 0.3326



21.0757, 0.3113, 0.3274



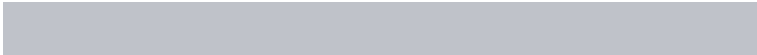
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



53.8793, 0.3052, 0.3204



90.5686, 0.3035, 0.3184



52.8177, 0.3069, 0.3168



11.3184, 0.3027, 0.3176



4.8445, 0.1615, 0.1013



0.3583, 0.1735, 0.1445

Inverse Universe

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



53.5763, 0.3186, 0.3254



89.9529, 0.3200, 0.3246



57.6822, 0.3184, 0.3411



11.2358, 0.3206, 0.3242



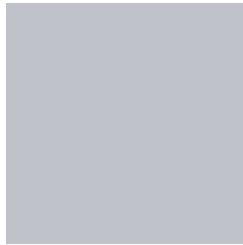
8.0290, 0.5740, 0.2936



0.3932, 0.5132, 0.2601

Previews

White Background



This preview shows how the Yxy color 53.8770, 0.3052, 0.3204 looks on a white background.

Color Contrast Check

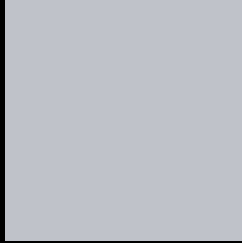
Large Text (above 18pt) WCAG AA × Fail

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 53.8770, 0.3052, 0.3204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

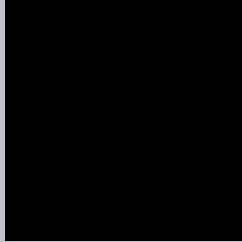
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

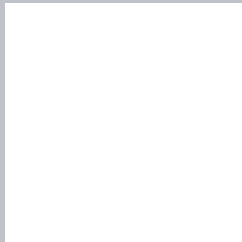
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.8770, 0.3052, 0.3204

Background



This preview shows how black text looks on a background with the Yxy color 53.8770, 0.3052, 0.3204.

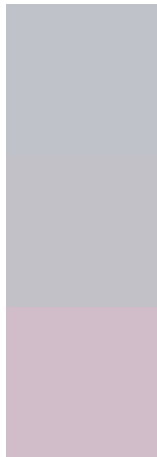


This preview shows how white text looks on a background with the Yxy color 53.8770, 0.3052, 0.3204.

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

53.8770, 0.3052, 0.3204

Protanopia

53.9122, 0.3091, 0.3205

Deuteranopia

53.7860, 0.3192, 0.3126



Tritanopia

53.9005, 0.3010, 0.3108

Trichromacy



Original Color

53.8770, 0.3052, 0.3204

Protanomaly

53.7794, 0.3083, 0.3205

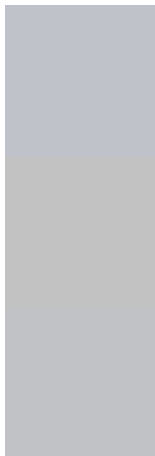
Deuteranomaly

53.6477, 0.3134, 0.3147

Tritanomaly

53.7542, 0.3031, 0.3144

Monochromacy



Original Color

53.8770, 0.3052, 0.3204

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.9522, 0.3097, 0.3253

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.8770, 0.3052, 0.3204 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, 194, 201)` looks like.

```
.text, #text, p{  
    color:rgb(191, 194, 201)  
}
```

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, 194, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 194, 201) }
```

Border

The CSS property to change the border of an element to Yxy 53.8770, 0.3052, 0.3204 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, 194, 201) }
```

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

```
.border{ border-color:rgb(191, 194, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 194, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 194, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 194, 201);  
box-shadow:4px 4px 4px 4px rgb(191, 194,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 53.8770, 0.3052, 0.3204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 194, 201) }
```

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

```
.background{ background-color: rgb(191,  
194, 201) }
```

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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