

Converting Colors

$Yxy(54.3961, 0.3173, 0.3403)$

Have a look what the booklet for
Yxy(54.3961, 0.3173, 0.3403)
contains.

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Color

Yxy(54.4052, 0.3170, 0.3401)

Conversions

Conversions Part 1

Format	Color
Hex	C1C4BB
RGB	193, 196, 187
RGB Percent	76%, 77%, 73%
CMY	0.2430, 0.2314, 0.2666
CMYK	0.02, 0.00, 0.05, 0.23
HSL	80°, 7%, 75%
HSV	80°, 5%, 77%
XYZ	50.7099, 54.4052, 54.8531
YIQ	194.0770, 1.1010, -3.4350

Conversions

Conversions Part 2

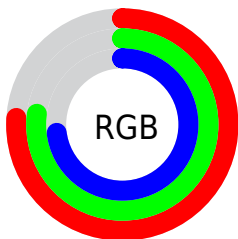
Format	Color
RYB	187, 196, 190
Decimal	12698811
CIELab	78.70, -2.65, 4.13
CIELCh	79, 4.909, 122.671
Yxy	54.4052, 0.3170, 0.3401
Android (android.graphics.Color)	4290888891 (0xFFC1C4BB)
YUV	194.0770, -3.4890, -0.9445
Hunter-Lab	73.7599, -6.3610, 7.5396

Details

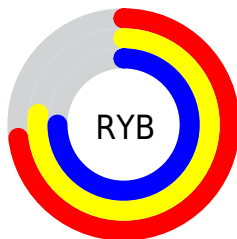
The Yxy color **54.4052, 0.3170, 0.3401** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.4791, 0.3083, 0.3178**, and the grayscale version is **54.0219, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8614, 0.3160, 0.3387**, and **26.6427, 0.3186, 0.3423** is the 20% darker color. If you saturate the color by 10%, you get **52.7934, 0.3265, 0.3656**, and if you desaturate by 10%, it is **56.1734, 0.3077, 0.3164**.

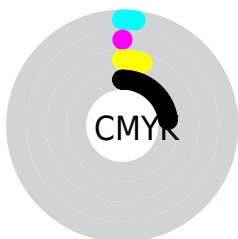
Distribution



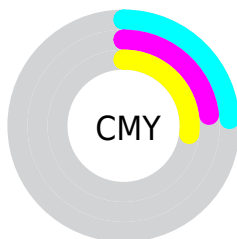
- Red (76%)
- Green (77%)
- Blue (73%)



- Red (73%)
- Yellow (77%)
- Blue (75%)



- Cyan (2%)
- Magenta (0%)
- Yellow (5%)
- Black (23%)



- Cyan (24%)
- Magenta (23%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.4052, 0.3170, 0.3401 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 54.4052, 0.3170, 0.3401 by changing the saturation by 10% instead.

■ 54.4052, 0.3170,
0.3401

■ 54.4052, 0.3170,
0.3401

403.6533, 0.3149,
0.3347

■ 38.9257, 0.3175,
0.3414

■ 96.6689, 0.3163,
0.3382

■ 26.7019, 0.3181,
0.3431

124.2220, 0.3160,
0.3374

■ 17.3495, 0.3189,
0.3453

156.5683, 0.3157,
0.3368

■ 10.4840, 0.3201,
0.3484

194.0923, 0.3155,
0.3362

■ 5.7210, 0.3217,
0.3528

237.1784, 0.3154,
0.3358

■ 2.6762, 0.3241,
0.3598

286.2110, 0.3152,

■ 0.9651, 0.3303,

0.3354

0.3748

341.5745, 0.3151,
0.3350

0.0000, 0.0000,
0.0000

54.4052, 0.3170,
0.3401

54.4052, 0.3170,
0.3401

52.7934, 0.3265,
0.3656

56.1734, 0.3077,
0.3164

51.3258, 0.3358,
0.3925

58.0958, 0.2988,
0.2945

49.9995, 0.3447,
0.4201

60.1792, 0.2904,
0.2747

48.8086, 0.3527,
0.4477

61.7388, 0.2890,
0.2665

47.7469, 0.3593,
0.4742

62.7599, 0.2936,
0.2673

■ 46.8075, 0.3641,
0.4983

■ 63.8204, 0.2983,
0.2681

■ 45.9828, 0.3665,
0.5188

■ 64.9207, 0.3030,
0.2690

■ 45.2640, 0.3665,
0.5349

■ 66.0611, 0.3078,
0.2699

■ 44.6406, 0.3641,
0.5460

■ 67.2421, 0.3126,
0.2707

Harmonies

Analogous

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



54.4052, 0.3225, 0.3398



54.4052, 0.3170, 0.3401



54.4052, 0.3104, 0.3373

Triad

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



54.4052, 0.3170, 0.3401



54.4052, 0.3003, 0.3212



54.4052, 0.3210, 0.3258

Complementary

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



54.4052, 0.3170, 0.3401



50.4791, 0.3083, 0.3178

Split Complementary

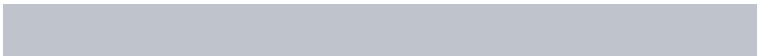
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



54.4052, 0.3149, 0.3209



54.4052, 0.3170, 0.3401



54.4052, 0.3030, 0.3183

Square

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



54.4052, 0.3170, 0.3401



54.4052, 0.3008, 0.3263



54.4052, 0.3084, 0.3182



54.4052, 0.3248, 0.3315

Rectangle

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



54.4052, 0.3170, 0.3401



54.4052, 0.3063, 0.3341



54.4052, 0.3084, 0.3182



54.4052, 0.3191, 0.3240

Sweetspot

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



54.4075, 0.3170, 0.3401



99.6777, 0.3137, 0.3314



52.0908, 0.3199, 0.3325



21.3385, 0.3136, 0.3313



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.



54.4075, 0.3170, 0.3401



98.4172, 0.3175, 0.3413



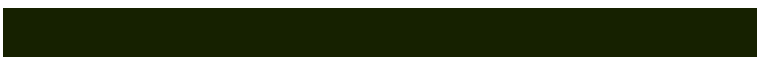
53.8416, 0.3135, 0.3402



11.7197, 0.3180, 0.3427



28.5358, 0.3629, 0.5500



1.2691, 0.3759, 0.5398

Inverse Universe

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



50.4791, 0.3083, 0.3178



90.5482, 0.3078, 0.3166



51.0501, 0.3119, 0.3179



10.6854, 0.3073, 0.3152



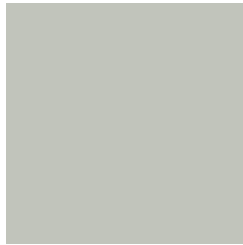
3.3169, 0.1750, 0.0738



0.1813, 0.2010, 0.0881

Previews

White Background



This preview shows how the Yxy color 54.4052, 0.3170, 0.3401 looks on a white background.

Color Contrast Check

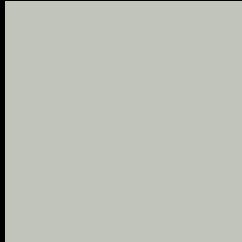
Large Text (above 18pt) WCAG AA × Fail

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 54.4052, 0.3170, 0.3401 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

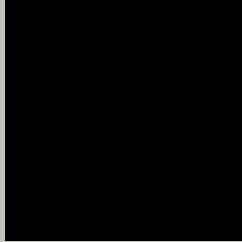
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

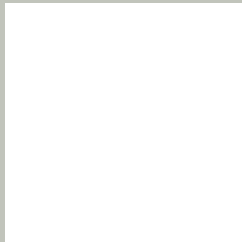
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.4052, 0.3170, 0.3401

Background



This preview shows how black text looks on a background with the Yxy color 54.4052, 0.3170, 0.3401.

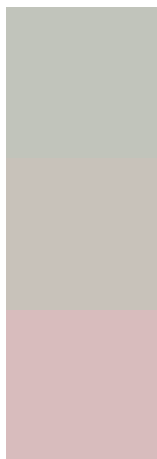


This preview shows how white text looks on a background with the Yxy color 54.4052, 0.3170, 0.3401.

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

54.4052, 0.3170, 0.3401

Protanopia

54.4081, 0.3236, 0.3388

Deuteranopia

54.2395, 0.3354, 0.3279



Tritanopia

54.4298, 0.3041, 0.3110

Trichromacy



Original Color

54.4052, 0.3170, 0.3401

Protanomaly

54.4457, 0.3211, 0.3401

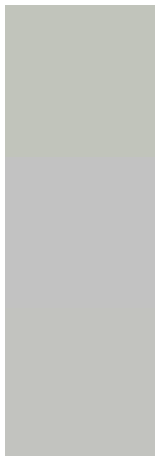
Deuteranomaly

54.3023, 0.3291, 0.3326

Tritanomaly

54.3558, 0.3091, 0.3217

Monochromacy



Original Color

54.4052, 0.3170, 0.3401

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.2611, 0.3149, 0.3339

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.4052, 0.3170, 0.3401 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(193, 196, 187)` looks like.

```
.text, #text, p{  
    color:rgb(193, 196, 187)  
}
```

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(193, 196, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 196, 187) }
```

Border

The CSS property to change the border of an element to Yxy 54.4052, 0.3170, 0.3401 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(193, 196, 187) }
```

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

```
.border{ border-color:rgb(193, 196, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 196, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 196, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 196, 187);  
box-shadow:4px 4px 4px 4px rgb(193, 196,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 54.4052, 0.3170, 0.3401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 196, 187) }
```

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

```
.background{ background-color: rgb(193,  
196, 187) }
```

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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