

Converting Colors

Yxy(54.0473, 0.3158, 0.3305)

Have a look what the booklet for
Yxy(54.0473, 0.3158, 0.3305)
contains.

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Color

Yxy(54.1251, 0.3158, 0.3315)

Conversions

Conversions Part 1

Format	Color
Hex	C4C2C0
RGB	196, 194, 192
RGB Percent	77%, 76%, 75%
CMY	0.2315, 0.2391, 0.2471
CMYK	0.00, 0.01, 0.02, 0.23
HSL	31°, 3%, 76%
HSV	31°, 2%, 77%
XYZ	51.5617, 54.1251, 57.5865
YIQ	194.3700, 1.8340, -0.1980

Conversions

Conversions Part 2

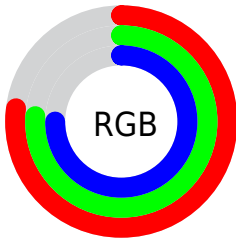
Format	Color
RYB	196, 196, 192
Decimal	12894912
CIELab	78.53, 0.31, 1.25
CIElCh	79, 1.289, 76.091
Yxy	54.1251, 0.3158, 0.3315
Android (android.graphics.Color)	4291084992 (0xFFC4C2C0)
YUV	194.3700, -1.1684, 1.4295
Hunter-Lab	73.5698, -3.6445, 5.0898

Details

The Yxy color `54.1251, 0.3158, 0.3315` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `53.7372, 0.3097, 0.3265`, and the grayscale version is `54.1832, 0.3127, 0.3290`.

A 20% lighter version of the original color is `96.0312, 0.3158, 0.3309`, and `26.3710, 0.3159, 0.3307` is the 20% darker color. If you saturate the color by 10%, you get `49.1941, 0.3323, 0.3443`, and if you desaturate by 10%, it is `59.4504, 0.3014, 0.3195`.

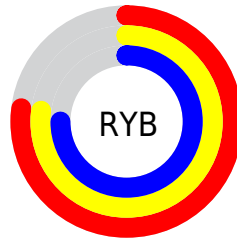
Distribution



Red (77%)

Green (76%)

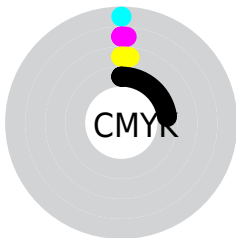
Blue (75%)



Red (77%)

Yellow (77%)

Blue (75%)

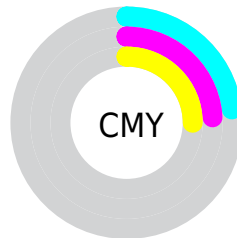


Cyan (0%)

Magenta (1%)

Yellow (2%)

Black (23%)



Cyan (23%)

Magenta (24%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.1251, 0.3158, 0.3315 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 54.1251, 0.3158, 0.3315 by changing the saturation by 10% instead.

■ 54.1251, 0.3158,
0.3315

■ 54.1251, 0.3158,
0.3315

402.5869, 0.3143,
0.3303

■ 38.7017, 0.3162,
0.3318

■ 96.2579, 0.3153,
0.3311

■ 26.5277, 0.3166,
0.3322

123.7361, 0.3151,
0.3309

■ 17.2189, 0.3172,
0.3326

156.0013, 0.3149,
0.3308

■ 10.3907, 0.3181,
0.3333

193.4380, 0.3147,
0.3306

■ 5.6587, 0.3193,
0.3343

236.4305, 0.3146,
0.3305

■ 2.6387, 0.3212,
0.3358

285.3632, 0.3145,

■ 0.9462, 0.3246,

0.3304

0.3386

340.6205, 0.3144,
0.3304

0.0000, 0.0000,
0.0000

54.1251, 0.3158,
0.3315

54.1251, 0.3158,
0.3315

49.1941, 0.3323,
0.3443

59.4504, 0.3014,
0.3195

44.6409, 0.3510,
0.3577

65.1723, 0.2889,
0.3084

40.4576, 0.3720,
0.3715

71.3021, 0.2779,
0.2982

36.6336, 0.3954,
0.3851

76.8188, 0.2764,
0.3045

33.1578, 0.4208,
0.3977

82.3591, 0.2772,
0.3149

■ 30.0180, 0.4474,
0.4083

■ 88.1971, 0.2780,
0.3251

■ 27.2015, 0.4743,
0.4156

■ 90.4707, 0.2783,
0.3289

■ 24.6941, 0.4997,
0.4186

■ 22.4798, 0.5222,
0.4162

Harmonies

Analogous

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



54.1251, 0.3161, 0.3304



54.1251, 0.3158, 0.3315



54.1251, 0.3147, 0.3320

Triad

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



54.1251, 0.3158, 0.3315



54.1251, 0.3100, 0.3292



54.1251, 0.3123, 0.3264

Complementary

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



54.1251, 0.3158, 0.3315



53.7372, 0.3097, 0.3265

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.



54.1251, 0.3107, 0.3261



54.1251, 0.3158, 0.3315



54.1251, 0.3094, 0.3277

Square

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



54.1251, 0.3158, 0.3315



54.1251, 0.3114, 0.3306



54.1251, 0.3097, 0.3265



54.1251, 0.3141, 0.3274

Rectangle

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



54.1251, 0.3158, 0.3315



54.1251, 0.3137, 0.3319



54.1251, 0.3097, 0.3265



54.1251, 0.3118, 0.3262

Sweetspot

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



54.1274, 0.3158, 0.3315



99.0453, 0.3142, 0.3302



53.3150, 0.3144, 0.3266



21.2099, 0.3142, 0.3302



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.



54.1274, 0.3158, 0.3315



98.0980, 0.3158, 0.3315



54.9983, 0.3157, 0.3339



11.7188, 0.3156, 0.3313



13.6121, 0.5357, 0.4128



0.7258, 0.5030, 0.4388

Inverse Universe

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



53.7372, 0.3097, 0.3265



97.3910, 0.3097, 0.3265



52.8783, 0.3097, 0.3241



11.6410, 0.3099, 0.3267



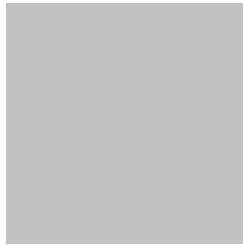
8.0676, 0.1766, 0.1556



0.4866, 0.1881, 0.1970

Previews

White Background



This preview shows how the Yxy color 54.1251, 0.3158, 0.3315 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 54.1251, 0.3158, 0.3315 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

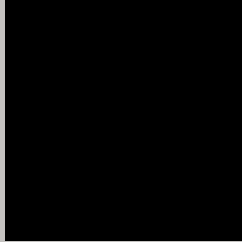
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

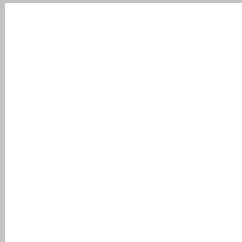
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.1251, 0.3158, 0.3315

Background



This preview shows how black text looks on a background with the Yxy color 54.1251, 0.3158, 0.3315.

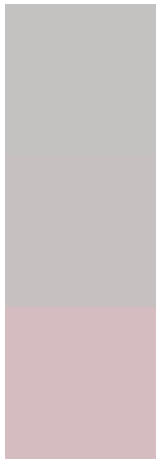


This preview shows how white text looks on a background with the Yxy color 54.1251, 0.3158, 0.3315.

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

54.1251, 0.3158, 0.3315

Protanopia

53.9515, 0.3175, 0.3302

Deuteranopia

53.9628, 0.3297, 0.3232



Tritanopia

54.2100, 0.3064, 0.3110

Trichromacy



Original Color

54.1251, 0.3158, 0.3315

Protanomaly

53.8160, 0.3167, 0.3302

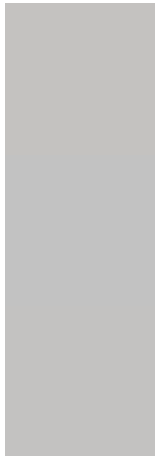
Deuteranomaly

53.9426, 0.3244, 0.3255

Tritanomaly

54.2745, 0.3092, 0.3181

Monochromacy



Original Color

54.1251, 0.3158, 0.3315

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.0359, 0.3143, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.1251, 0.3158, 0.3315 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(196, 194, 192)` looks like.

```
.text, #text, p{  
    color:rgb(196, 194, 192)  
}
```

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(196, 194, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 194, 192) }
```

Border

The CSS property to change the border of an element to Yxy 54.1251, 0.3158, 0.3315 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(196, 194, 192) }
```

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

```
.border{ border-color:rgb(196, 194, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 194, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 194, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 194, 192);  
box-shadow:4px 4px 4px 4px rgb(196, 194,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 54.1251, 0.3158, 0.3315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 194, 192) }
```

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

```
.background{ background-color: rgb(196,  
194, 192) }
```

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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