

Converting Colors

Yxy(52.3813, 0.3189, 0.3276)

Have a look what the booklet for
Yxy(52.3813, 0.3189, 0.3276)
contains.

Yxy(52.5943, 0.3185, 0.3278)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(52.5943, 0.3185, 0.3278)

Conversions

Conversions Part 1

Format	Color
Hex	C6BEBF
RGB	198, 190, 191
RGB Percent	78%, 75%, 75%
CMY	0.2236, 0.2549, 0.2510
CMYK	0.00, 0.04, 0.04, 0.22
HSL	353°, 7%, 76%
HSV	353°, 4%, 78%
XYZ	51.1021, 52.5943, 56.7499
YIQ	192.5060, 4.4470, 2.0070

Conversions

Conversions Part 2

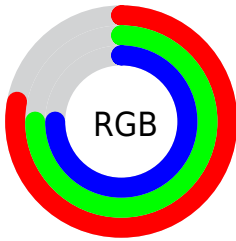
Format	Color
RYB	198, 190, 191
Decimal	13024959
CIELab	77.63, 2.97, 0.49
CIElCh	78, 3.013, 9.298
Yxy	52.5943, 0.3185, 0.3278
Android (android.graphics.Color)	4291215039 (0xFFC6BEBF)
YUV	192.5060, -0.7425, 4.8182
Hunter-Lab	72.5219, -1.1344, 4.3697

Details

The Yxy color **52.5943, 0.3185, 0.3278** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.3581, 0.3072, 0.3302**, and the grayscale version is **53.0258, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.8869, 0.3179, 0.3281**, and **25.6556, 0.3195, 0.3274** is the 20% darker color. If you saturate the color by 10%, you get **43.8757, 0.3353, 0.3247**, and if you desaturate by 10%, it is **62.5727, 0.3050, 0.3307**.

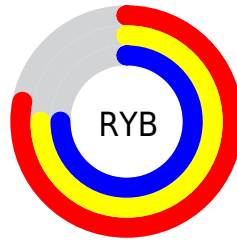
Distribution



Red (78%)

Green (75%)

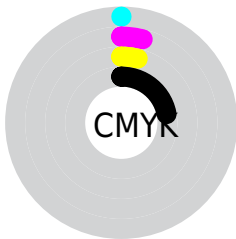
Blue (75%)



Red (78%)

Yellow (75%)

Blue (75%)

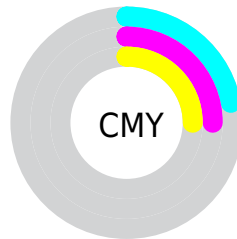


Cyan (0%)

Magenta (4%)

Yellow (4%)

Black (22%)



Cyan (22%)

Magenta (25%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.5943, 0.3185, 0.3278 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 52.5943, 0.3185, 0.3278 by changing the saturation by 10% instead.

■ 52.5943, 0.3185,
0.3278

■ 52.5943, 0.3185,
0.3278

396.7267, 0.3157,
0.3284

■ 37.4790, 0.3192,
0.3277

■ 94.0071, 0.3175,
0.3280

■ 25.5786, 0.3201,
0.3275

121.0734, 0.3171,
0.3281

■ 16.5086, 0.3212,
0.3272

152.8922, 0.3168,
0.3282

■ 9.8848, 0.3228,
0.3269

189.8478, 0.3165,
0.3282

■ 5.3226, 0.3251,
0.3264

232.3247, 0.3162,
0.3283

■ 2.4378, 0.3288,
0.3255

280.7072, 0.3160,

■ 0.8452, 0.3361,

0.3283

0.3241

335.3797, 0.3158,
0.3284

0.0000, 0.0000,
0.0000

52.5943, 0.3185,
0.3278

52.5943, 0.3185,
0.3278

43.8757, 0.3353,
0.3247

62.5727, 0.3050,
0.3307

36.3603, 0.3561,
0.3214

73.8511, 0.2941,
0.3334

29.9973, 0.3817,
0.3180

86.4763, 0.2852,
0.3358

24.7296, 0.4130,
0.3149

90.7430, 0.2794,
0.3289

20.4953, 0.4502,
0.3123

■ 17.2262, 0.4922,
0.3109

■ 14.8461, 0.5365,
0.3113

■ 13.2671, 0.5780,
0.3140

■ 12.3832, 0.6108,
0.3189

Harmonies

Analogous

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



52.5943, 0.3150, 0.3246



52.5943, 0.3185, 0.3278



52.5943, 0.3205, 0.3314

Triad

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



52.5943, 0.3185, 0.3278



52.5943, 0.3145, 0.3356



52.5943, 0.3052, 0.3236

Complementary

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



52.5943, 0.3185, 0.3278



55.3581, 0.3072, 0.3302

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.



52.5943, 0.3051, 0.3266



52.5943, 0.3185, 0.3278



52.5943, 0.3104, 0.3335

Square

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



52.5943, 0.3185, 0.3278



52.5943, 0.3181, 0.3359



52.5943, 0.3070, 0.3302



52.5943, 0.3073, 0.3222

Rectangle

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



52.5943, 0.3185, 0.3278



52.5943, 0.3206, 0.3335



52.5943, 0.3070, 0.3302



52.5943, 0.3049, 0.3245

Sweetspot

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



52.5966, 0.3185, 0.3278



98.2408, 0.3141, 0.3287



52.7673, 0.3123, 0.3193



21.0461, 0.3141, 0.3287



0.0000, 0.0000, 0.0000



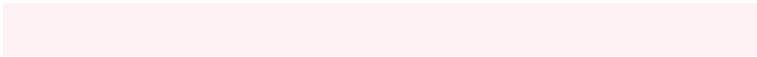
21.4041, 0.3127, 0.3290

Same Dimension

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



52.5966, 0.3185, 0.3278



91.4350, 0.3201, 0.3275



53.8316, 0.3190, 0.3326



11.4040, 0.3210, 0.3273



7.8593, 0.6229, 0.3205



0.3794, 0.5780, 0.2958

Inverse Universe

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



52.5966, 0.3185, 0.3278



91.4350, 0.3201, 0.3275



54.0811, 0.3066, 0.3254



11.4040, 0.3210, 0.3273



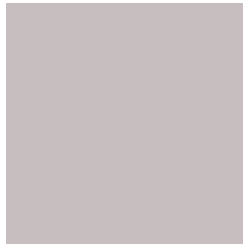
7.8593, 0.6229, 0.3205



0.3794, 0.5780, 0.2958

Previews

White Background



This preview shows how the Yxy color 52.5943, 0.3185, 0.3278 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 52.5943, 0.3185, 0.3278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

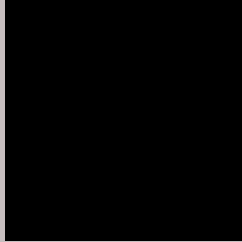
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

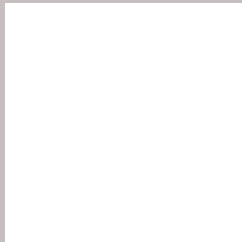
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.5943, 0.3185, 0.3278

Background



This preview shows how black text looks on a background with the Yxy color 52.5943, 0.3185, 0.3278.

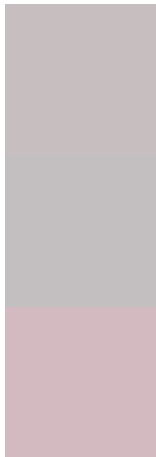


This preview shows how white text looks on a background with the Yxy color 52.5943, 0.3185, 0.3278.

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

52.5943, 0.3185, 0.3278

Protanopia

52.6695, 0.3152, 0.3278

Deuteranopia

52.6252, 0.3282, 0.3219



Tritanopia

52.5576, 0.3111, 0.3110

Trichromacy



Original Color

52.5943, 0.3185, 0.3278

Protanomaly

52.8031, 0.3160, 0.3278

Deuteranomaly

52.4682, 0.3247, 0.3230

Tritanomaly

52.6608, 0.3133, 0.3169

Monochromacy



Original Color

52.5943, 0.3185, 0.3278

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.1071, 0.3151, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.5943, 0.3185, 0.3278 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(198, 190, 191)` looks like.

```
.text, #text, p{  
    color:rgb(198, 190, 191)  
}
```

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(198, 190, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 190, 191) }
```

Border

The CSS property to change the border of an element to Yxy 52.5943, 0.3185, 0.3278 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(198, 190, 191) }
```

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

```
.border{ border-color:rgb(198, 190, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 190, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 190, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 190, 191);  
box-shadow:4px 4px 4px 4px rgb(198, 190,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 52.5943, 0.3185, 0.3278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 190, 191) }
```

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

```
.background{ background-color: rgb(198,  
190, 191) }
```

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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