

Converting Colors

$Yxy(52.8088, 0.3239, 0.3276)$

Have a look what the booklet for
Yxy(52.8088, 0.3239, 0.3276)
contains.

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Color

Yxy(52.8094, 0.3235, 0.3278)

Conversions

Conversions Part 1

Format	Color
Hex	CBBDBE
RGB	203, 189, 190
RGB Percent	80%, 74%, 75%
CMY	0.2040, 0.2588, 0.2548
CMYK	0.00, 0.07, 0.06, 0.20
HSL	356°, 12%, 77%
HSV	356°, 7%, 80%
XYZ	52.1167, 52.8094, 56.1764
YIQ	193.3000, 8.0230, 3.2790

Conversions

Conversions Part 2

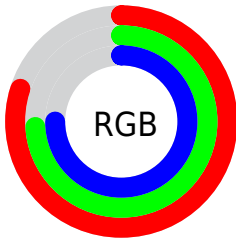
Format	Color
R _Y B	203, 189, 190
Decimal	13352382
CIE Lab	77.76, 5.10, 1.25
CIE LCh	78, 5.248, 13.786
Yxy	52.8094, 0.3235, 0.3278
Android (android.graphics.Color)	4291542462 (0xFFCBBDBE)
YUV	193.3000, -1.6269, 8.5069
Hunter-Lab	72.6701, 0.8419, 5.0359

Details

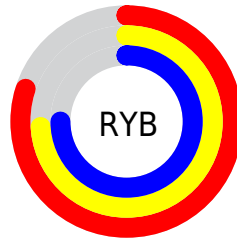
The Yxy color **52.8094, 0.3235, 0.3278** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.7807, 0.3028, 0.3302**, and the grayscale version is **53.5204, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.2186, 0.3186, 0.3281**, and **25.8040, 0.3263, 0.3274** is the 20% darker color. If you saturate the color by 10%, you get **43.9106, 0.3424, 0.3260**, and if you desaturate by 10%, it is **63.0411, 0.3083, 0.3295**.

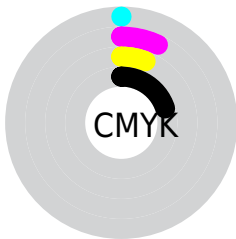
Distribution



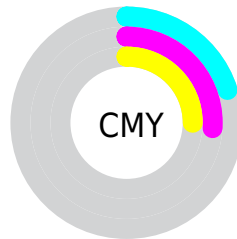
- Red (80%)
- Green (74%)
- Blue (75%)



- Red (80%)
- Yellow (74%)
- Blue (75%)



- Cyan (0%)
- Magenta (7%)
- Yellow (6%)
- Black (20%)





- Cyan (20%)
- Magenta (26%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.8094, 0.3235, 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 52.8094, 0.3235, 0.3278 by changing the saturation by 10% instead.


 52.8094, 0.3235,
0.3278

 52.8094, 0.3235,
0.3278

397.5534, 0.3182,
0.3284

 37.6506, 0.3248,
0.3276


 94.3238, 0.3216,
0.3280

 25.7117, 0.3264,
0.3274


121.4483, 0.3209,
0.3281

 16.6080, 0.3286,
0.3272


153.3301, 0.3203,
0.3282

 9.9554, 0.3316,
0.3268

190.3537, 0.3197,
0.3282

 5.3694, 0.3359,
0.3262

232.9034, 0.3193,
0.3283

 2.4656, 0.3428,
0.3253

281.3637, 0.3189,

 0.8593, 0.3563,

0.3283

0.3239

336.1189, 0.3185,
0.3284

0.0000, 0.0000,
0.0000

52.8094, 0.3235,
0.3278

52.8094, 0.3235,
0.3278

43.9106, 0.3424,
0.3260

63.0411, 0.3083,
0.3295

36.2832, 0.3659,
0.3240

74.6502, 0.2961,
0.3311

29.8714, 0.3950,
0.3221

87.6876, 0.2863,
0.3325

24.6123, 0.4302,
0.3204

91.4324, 0.2821,
0.3289

20.4375, 0.4714,
0.3192

■ 17.2713, 0.5168,
0.3189

■ 15.0284, 0.5620,
0.3199

■ 13.6092, 0.6009,
0.3222

■ 12.8828, 0.6272,
0.3255

Harmonies

Analogous

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



52.8094, 0.3177, 0.3220



52.8094, 0.3235, 0.3278



52.8094, 0.3264, 0.3339

Triad

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



52.8094, 0.3235, 0.3278



52.8094, 0.3147, 0.3402



52.8094, 0.3000, 0.3191

Complementary

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



52.8094, 0.3235, 0.3278



57.7807, 0.3028, 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.



52.8094, 0.2992, 0.3238



52.8094, 0.3235, 0.3278



52.8094, 0.3077, 0.3362

Square

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



52.8094, 0.3235, 0.3278



52.8094, 0.3213, 0.3412



52.8094, 0.3020, 0.3301



52.8094, 0.3041, 0.3170

Rectangle

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



52.8094, 0.3235, 0.3278



52.8094, 0.3263, 0.3375



52.8094, 0.3020, 0.3301



52.8094, 0.2993, 0.3204

Sweetspot

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



52.8117, 0.3235, 0.3278



96.4882, 0.3157, 0.3287



53.2405, 0.3126, 0.3123



20.6892, 0.3156, 0.3287



0.0000, 0.0000, 0.0000



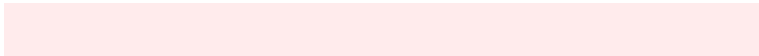
21.4041, 0.3127, 0.3290

Same Dimension

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



52.8117, 0.3235, 0.3278



86.5089, 0.3256, 0.3276



55.3204, 0.3237, 0.3360



11.2267, 0.3279, 0.3273



8.1067, 0.6313, 0.3252



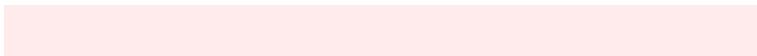
0.4229, 0.6036, 0.3099

Inverse Universe

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



52.8117, 0.3235, 0.3278



86.5089, 0.3256, 0.3276



55.1336, 0.3022, 0.3219



11.2267, 0.3279, 0.3273



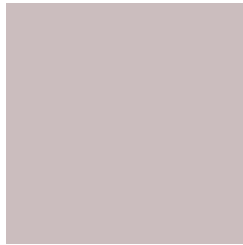
8.1067, 0.6313, 0.3252



0.4229, 0.6036, 0.3099

Previews

White Background



This preview shows how the Yxy color 52.8094, 0.3235, 0.3278 looks on a white background.

Color Contrast Check

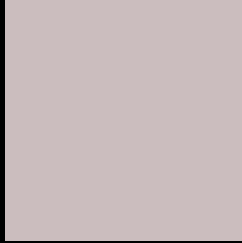
Large Text (above 18pt) WCAG AA × Fail

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 52.8094, 0.3235, 0.3278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

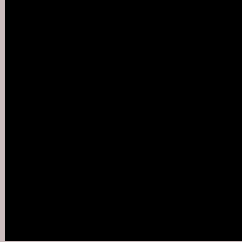
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.8094, 0.3235, 0.3278

Background



This preview shows how black text looks on a background with the Yxy color 52.8094, 0.3235, 0.3278.



This preview shows how white text looks on a background with the Yxy color 52.8094, 0.3235, 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

52.8094, 0.3235, 0.3278

Protanopia

52.7590, 0.3168, 0.3290

Deuteranopia

52.7283, 0.3298, 0.3231



Tritanopia

52.7841, 0.3160, 0.3112

Trichromacy



Original Color

52.8094, 0.3235, 0.3278

Protanomaly

52.7306, 0.3193, 0.3278

Deuteranomaly

52.7121, 0.3272, 0.3243

Tritanomaly

52.8810, 0.3182, 0.3170

Monochromacy



Original Color

52.8094, 0.3235, 0.3278

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.3754, 0.3168, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.8094, 0.3235, 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(203, 189, 190)` looks like.

```
.text, #text, p{  
    color:rgb(203, 189, 190)  
}
```

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(203, 189, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 189, 190) }
```

Border

The CSS property to change the border of an element to Yxy 52.8094, 0.3235, 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(203, 189, 190) }
```

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

```
.border{ border-color:rgb(203, 189, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 189, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 189, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 189, 190);  
box-shadow:4px 4px 4px 4px rgb(203, 189,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 52.8094, 0.3235, 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(203, 189, 190) }
```

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

```
.background{ background-color: rgb(203,  
189, 190) }
```

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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