

Converting Colors

Yxy(51.8954, 0.3209, 0.3278)

Have a look what the booklet for
Yxy(51.8954, 0.3209, 0.3278)
contains.

Yxy(51.7827, 0.3211, 0.3278)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(51.7827, 0.3211, 0.3278)

Conversions

Conversions Part 1

Format	Color
Hex	C7BCBD
RGB	199, 188, 189
RGB Percent	78%, 74%, 74%
CMY	0.2195, 0.2627, 0.2588
CMYK	0.00, 0.06, 0.05, 0.22
HSL	355°, 9%, 76%
HSV	355°, 6%, 78%
XYZ	50.7243, 51.7827, 55.4634
YIQ	191.4030, 6.2350, 2.6430

Conversions

Conversions Part 2

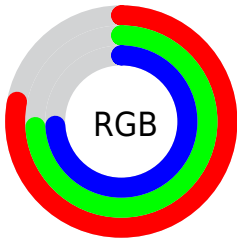
Format	Color
R _Y B	199, 188, 189
Decimal	13089981
CIE Lab	77.15, 4.06, 0.88
CIE LCh	77, 4.149, 12.210
Yxy	51.7827, 0.3211, 0.3278
Android (android.graphics.Color)	4291280061 (0xFFC7BCBD)
YUV	191.4030, -1.1847, 6.6626
Hunter-Lab	71.9602, -0.1068, 4.6743

Details

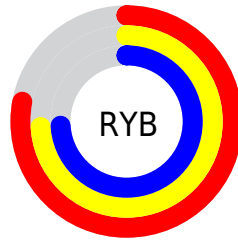
The Yxy color **51.7827, 0.3211, 0.3278** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.6237, 0.3049, 0.3302**, and the grayscale version is **52.3529, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.5539, 0.3193, 0.3281**, and **25.1253, 0.3229, 0.3274** is the 20% darker color. If you saturate the color by 10%, you get **43.1224, 0.3391, 0.3255**, and if you desaturate by 10%, it is **61.7181, 0.3067, 0.3299**.

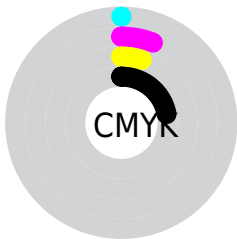
Distribution



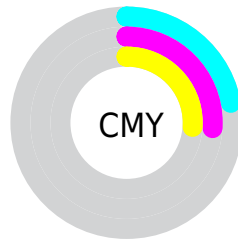
- Red (78%)
- Green (74%)
- Blue (74%)



- Red (78%)
- Yellow (74%)
- Blue (74%)



- Cyan (0%)
- Magenta (6%)
- Yellow (5%)
- Black (22%)



- Cyan (22%)
- Magenta (26%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.7827, 0.3211, 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 51.7827, 0.3211, 0.3278 by changing the saturation by 10% instead.


 51.7827, 0.3211,
0.3278

 51.7827, 0.3211,
0.3278

393.5971, 0.3170,
0.3284

 36.8319, 0.3221,
0.3276


 92.8107, 0.3196,
0.3280

 25.0774, 0.3234,
0.3275


119.6567, 0.3191,
0.3281

 16.1347, 0.3251,
0.3272


151.2365, 0.3186,
0.3282

 9.6195, 0.3274,
0.3268

187.9346, 0.3182,
0.3282

 5.1474, 0.3309,
0.3263

230.1353, 0.3178,
0.3283

 2.3340, 0.3364,
0.3254

278.2230, 0.3175,

 0.7916, 0.3484,

0.3283

0.3240

332.5822, 0.3172,
0.3284

0.0000, 0.0000,
0.0000

51.7827, 0.3211,
0.3278

51.7827, 0.3211,
0.3278

43.1224, 0.3391,
0.3255

61.7181, 0.3067,
0.3299

35.6792, 0.3614,
0.3231

72.9702, 0.2950,
0.3319

29.4006, 0.3891,
0.3207

85.5872, 0.2856,
0.3336

24.2276, 0.4227,
0.3185

90.8843, 0.2800,
0.3289

20.0961, 0.4622,
0.3169

■ 16.9354, 0.5064,
0.3162

■ 14.6660, 0.5515,
0.3170

■ 13.1959, 0.5919,
0.3195

■ 12.4122, 0.6213,
0.3234

Harmonies

Analogous

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



51.7827, 0.3164, 0.3232



51.7827, 0.3211, 0.3278



51.7827, 0.3236, 0.3327

Triad

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



51.7827, 0.3211, 0.3278



51.7827, 0.3146, 0.3380



51.7827, 0.3025, 0.3213

Complementary

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



51.7827, 0.3211, 0.3278



55.6237, 0.3049, 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.



51.7827, 0.3020, 0.3252



51.7827, 0.3211, 0.3278



51.7827, 0.3090, 0.3349

Square

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



51.7827, 0.3211, 0.3278



51.7827, 0.3198, 0.3387



51.7827, 0.3044, 0.3302



51.7827, 0.3056, 0.3195

Rectangle

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



51.7827, 0.3211, 0.3278



51.7827, 0.3236, 0.3356



51.7827, 0.3044, 0.3302



51.7827, 0.3020, 0.3224

Sweetspot

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



51.7850, 0.3211, 0.3278



96.4939, 0.3157, 0.3286



52.0851, 0.3124, 0.3156



20.6904, 0.3155, 0.3286



0.0000, 0.0000, 0.0000



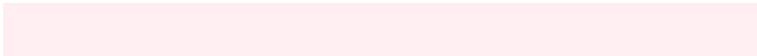
21.4041, 0.3127, 0.3290

Same Dimension

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



51.7850, 0.3211, 0.3278



88.1334, 0.3237, 0.3275



53.6533, 0.3214, 0.3344



11.0214, 0.3243, 0.3274



7.8415, 0.6287, 0.3237



0.3768, 0.5934, 0.3043

Inverse Universe

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



51.7850, 0.3211, 0.3278



88.1334, 0.3237, 0.3275



53.6713, 0.3043, 0.3235



11.0214, 0.3243, 0.3274



7.8415, 0.6287, 0.3237



0.3768, 0.5934, 0.3043

Previews

White Background



This preview shows how the Yxy color 51.7827, 0.3211, 0.3278 looks on a white background.

Color Contrast Check

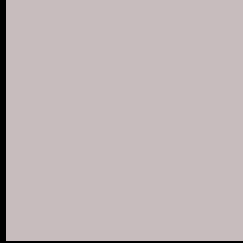
Large Text (above 18pt) WCAG AA × Fail

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 51.7827, 0.3211, 0.3278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

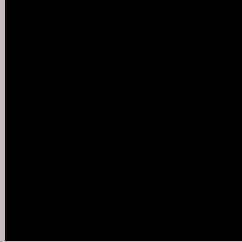
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

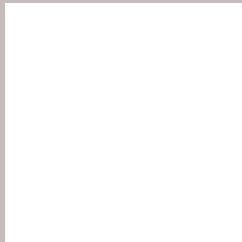
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.7827, 0.3211, 0.3278

Background



This preview shows how black text looks on a background with the Yxy color 51.7827, 0.3211, 0.3278.

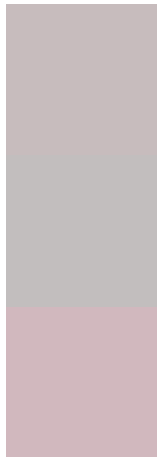


This preview shows how white text looks on a background with the Yxy color 51.7827, 0.3211, 0.3278.

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

51.7827, 0.3211, 0.3278

Protanopia

52.0140, 0.3160, 0.3290

Deuteranopia

51.5540, 0.3292, 0.3219



Tritanopia

51.7524, 0.3136, 0.3109

Trichromacy



Original Color

51.7827, 0.3211, 0.3278

Protanomaly

51.8487, 0.3177, 0.3278

Deuteranomaly

51.3948, 0.3257, 0.3230

Tritanomaly

51.8512, 0.3158, 0.3169

Monochromacy



Original Color

51.7827, 0.3211, 0.3278

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.0140, 0.3160, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.7827, 0.3211, 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(199, 188, 189)` looks like.

```
.text, #text, p{  
    color:rgb(199, 188, 189)  
}
```

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(199, 188, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 188, 189) }
```

Border

The CSS property to change the border of an element to Yxy 51.7827, 0.3211, 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(199, 188, 189) }
```

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

```
.border{ border-color:rgb(199, 188, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 188, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 188, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 188, 189); box-shadow:4px 4px 4px 4px rgb(199, 188, 189) }
```


Background

The CSS property to change the background color of an element to Yxy 51.7827, 0.3211, 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(199, 188, 189) }
```

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

```
.background{ background-color: rgb(199,  
188, 189) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor