

Converting Colors

Yxy(52.9729, 0.3183, 0.3222)

Have a look what the booklet for
Yxy(52.9729, 0.3183, 0.3222)
contains.

Yxy(52.7528, 0.3180, 0.3218)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(52.7528, 0.3180, 0.3218)

Conversions

Conversions Part 1

Format	Color
Hex	C9BDC3
RGB	201, 189, 195
RGB Percent	79%, 74%, 76%
CMY	0.2118, 0.2588, 0.2354
CMYK	0.00, 0.06, 0.03, 0.21
HSL	330°, 10%, 76%
HSV	330°, 6%, 79%
XYZ	52.1299, 52.7528, 59.0477
YIQ	193.2720, 5.2260, 4.4100

Conversions

Conversions Part 2

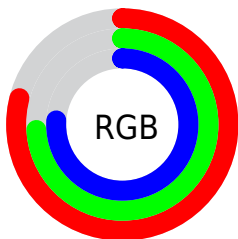
Format	Color
RYB	201, 189, 195
Decimal	13221315
CIELab	77.73, 5.28, -1.49
CIELCh	78, 5.483, 344.178
Yxy	52.7528, 0.3180, 0.3218
Android (android.graphics.Color)	4291411395 (0xFFC9BDC3)
YUV	193.2720, 0.8519, 6.7775
Hunter-Lab	72.6311, 1.0111, 2.6401

Details

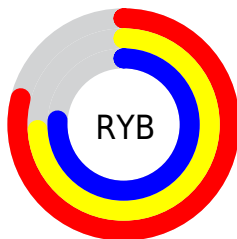
The Yxy color **52.7528, 0.3180, 0.3218** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.5288, 0.3077, 0.3363**, and the grayscale version is **53.4887, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.5931, 0.3150, 0.3223**, and **25.7345, 0.3198, 0.3209** is the 20% darker color. If you saturate the color by 10%, you get **44.2572, 0.3283, 0.3092**, and if you desaturate by 10%, it is **62.4821, 0.3095, 0.3337**.

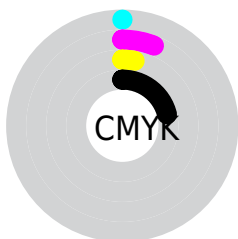
Distribution



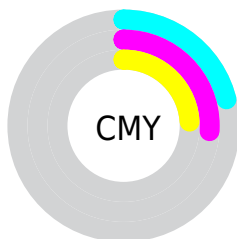
- Red (79%)
- Green (74%)
- Blue (76%)



- Red (79%)
- Yellow (74%)
- Blue (76%)



- Cyan (0%)
- Magenta (6%)
- Yellow (3%)
- Black (21%)



- Cyan (21%)
- Magenta (26%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.7528, 0.3180, 0.3218 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 52.7528, 0.3180, 0.3218 by changing the saturation by 10% instead.

 52.7528, 0.3180,
0.3218

 52.7528, 0.3180,
0.3218


397.3360, 0.3154,
0.3253

 37.6055, 0.3186,
0.3209

 94.2405, 0.3171,
0.3231

 25.6766, 0.3194,
0.3199


121.3497, 0.3167,
0.3235

 16.5819, 0.3205,
0.3185


153.2149, 0.3164,
0.3239

 9.9368, 0.3219,
0.3165

190.2206, 0.3162,
0.3243

 5.3571, 0.3239,
0.3137

232.7512, 0.3160,
0.3246

 2.4583, 0.3272,
0.3093

281.1910, 0.3158,

 0.8556, 0.3332,

0.3249

0.3013

335.9245, 0.3156,
0.3251

0.0000, 0.0000,
0.0000

52.7528, 0.3180,
0.3218

52.7528, 0.3180,
0.3218

44.2572, 0.3283,
0.3092

62.4821, 0.3095,
0.3337

36.9388, 0.3407,
0.2960

73.4850, 0.3024,
0.3448

30.7469, 0.3555,
0.2827

85.8080, 0.2966,
0.3550

25.6246, 0.3728,
0.2699

89.9540, 0.2913,
0.3499

21.5097, 0.3928,
0.2585

90.5553, 0.2860,
0.3390

■ 18.3336, 0.4152,
0.2495

■ 91.1557, 0.2811,
0.3289

■ 16.0192, 0.4394,
0.2443

■ 14.4767, 0.4642,
0.2439

■ 13.5941, 0.4884,
0.2489

Harmonies

Analogous

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



52.7528, 0.3106, 0.3177



52.7528, 0.3180, 0.3218



52.7528, 0.3241, 0.3278

Triad

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



52.7528, 0.3180, 0.3218



52.7528, 0.3216, 0.3418



52.7528, 0.2986, 0.3235

Complementary

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



52.7528, 0.3180, 0.3218



56.5288, 0.3077, 0.3363

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.



52.7528, 0.3015, 0.3301



52.7528, 0.3180, 0.3218



52.7528, 0.3147, 0.3407

Square

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



52.7528, 0.3180, 0.3218



52.7528, 0.3261, 0.3394



52.7528, 0.3074, 0.3364



52.7528, 0.2995, 0.3186

Rectangle

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



52.7528, 0.3180, 0.3218



52.7528, 0.3265, 0.3322



52.7528, 0.3074, 0.3364



52.7528, 0.2992, 0.3256

Sweetspot

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



52.7551, 0.3180, 0.3218



96.6252, 0.3144, 0.3266



52.2190, 0.3085, 0.3144



20.7171, 0.3144, 0.3267



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.



52.7551, 0.3180, 0.3218



88.5713, 0.3191, 0.3204



52.4908, 0.3226, 0.3290



11.0795, 0.3195, 0.3199



8.4053, 0.4949, 0.2500



0.4126, 0.4491, 0.2248

Inverse Universe

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



52.7551, 0.3180, 0.3218



88.5713, 0.3191, 0.3204



56.8040, 0.3036, 0.3290



11.0795, 0.3195, 0.3199



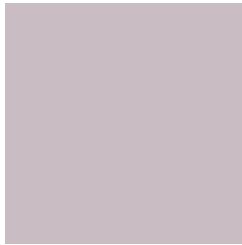
8.4053, 0.4949, 0.2500



0.4126, 0.4491, 0.2248

Previews

White Background



This preview shows how the Yxy color 52.7528, 0.3180, 0.3218 looks on a white background.

Color Contrast Check

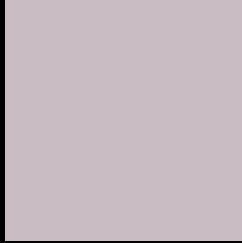
Large Text (above 18pt) WCAG AA × Fail

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 52.7528, 0.3180, 0.3218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

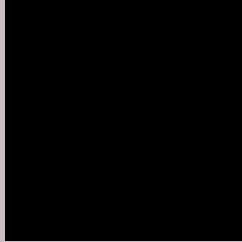
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

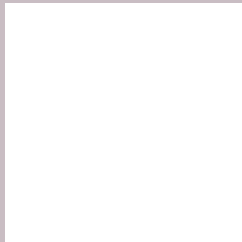
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.7528, 0.3180, 0.3218

Background



This preview shows how black text looks on a background with the Yxy color 52.7528, 0.3180, 0.3218.



This preview shows how white text looks on a background with the Yxy color 52.7528, 0.3180, 0.3218.

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

52.7528, 0.3180, 0.3218

Protanopia

52.7165, 0.3114, 0.3229

Deuteranopia

52.6586, 0.3241, 0.3172



Tritanopia

52.8348, 0.3127, 0.3111

Trichromacy



Original Color

52.7528, 0.3180, 0.3218

Protanomaly

52.6828, 0.3139, 0.3217

Deuteranomaly

52.6480, 0.3215, 0.3183

Tritanomaly

52.6931, 0.3150, 0.3146

Monochromacy



Original Color

52.7528, 0.3180, 0.3218

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.3301, 0.3144, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.7528, 0.3180, 0.3218 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(201, 189, 195)` looks like.

```
.text, #text, p{  
    color:rgb(201, 189, 195)  
}
```

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(201, 189, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 189, 195) }
```

Border

The CSS property to change the border of an element to Yxy 52.7528, 0.3180, 0.3218 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(201, 189, 195) }
```

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

```
.border{ border-color:rgb(201, 189, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 189, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 189, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 189, 195);  
box-shadow:4px 4px 4px 4px rgb(201, 189,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 52.7528, 0.3180, 0.3218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 189, 195) }
```

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

```
.background{ background-color: rgb(201,  
189, 195) }
```

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