

Converting Colors

Yxy(52.6816, 0.2998, 0.3330)

Have a look what the booklet for
Yxy(52.6816, 0.2998, 0.3330)
contains.

Yxy(52.6772, 0.3001, 0.3328)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(52.6772, 0.3001, 0.3328)

Conversions

Conversions Part 1

Format	Color
Hex	B1C4C1
RGB	177, 196, 193
RGB Percent	69%, 77%, 76%
CMY	0.3057, 0.2314, 0.2432
CMYK	0.10, 0.00, 0.02, 0.23
HSL	170°, 14%, 73%
HSV	170°, 10%, 77%
XYZ	47.5013, 52.6772, 58.1064
YIQ	189.9770, -10.3610, -4.9610

Conversions

Conversions Part 2

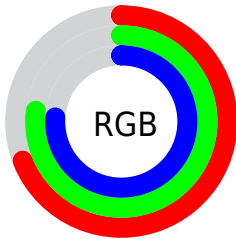
Format	Color
RYB	177, 187, 196
Decimal	11650241
CIELab	77.68, -7.02, -0.70
CIELCh	78, 7.057, 185.700
Yxy	52.6772, 0.3001, 0.3328
Android (android.graphics.Color)	4289840321 (0xFFB1C4C1)
YUV	189.9770, 1.4903, -11.3808
Hunter-Lab	72.5791, -10.1893, 3.3381

Details

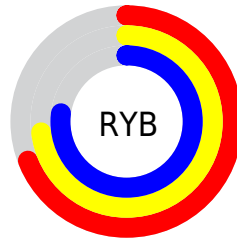
The Yxy color **52.6772, 0.3001, 0.3328** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.4910, 0.3270, 0.3252**, and the grayscale version is **51.4780, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.4138, 0.3027, 0.3330**, and **25.5245, 0.2959, 0.3324** is the 20% darker color. If you saturate the color by 10%, you get **50.4026, 0.2877, 0.3371**, and if you desaturate by 10%, it is **55.2897, 0.3131, 0.3289**.

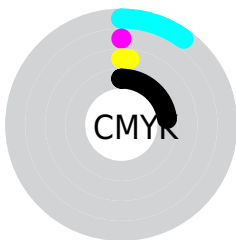
Distribution



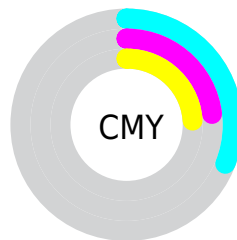
- Red (69%)
- Green (77%)
- Blue (76%)



- Red (69%)
- Yellow (73%)
- Blue (77%)



- Cyan (10%)
- Magenta (0%)
- Yellow (2%)
- Black (23%)



- Cyan (31%)
- Magenta (23%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.6772, 0.3001, 0.3328 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 52.6772, 0.3001, 0.3328 by changing the saturation by 10% instead.


 52.6772, 0.3001,
0.3328

 52.6772, 0.3001,
0.3328

397.0454, 0.3063,
0.3310

 37.5451, 0.2986,
0.3332


 94.1292, 0.3023,
0.3321

 25.6299, 0.2967,
0.3338

121.2179, 0.3032,
0.3319

 16.5469, 0.2942,
0.3345


153.0610, 0.3039,
0.3317

 9.9120, 0.2908,
0.3355

190.0428, 0.3045,
0.3315

 5.3406, 0.2858,
0.3370

232.5478, 0.3050,
0.3313

 2.4485, 0.2779,
0.3392

280.9603, 0.3055,

 0.8507, 0.2587,

0.3312

0.3454

335.6647, 0.3059,
0.3311

0.0000, 0.0000,
0.0000

52.6772, 0.3001,
0.3328

52.6772, 0.3001,
0.3328

50.4026, 0.2877,
0.3371

55.2897, 0.3131,
0.3289

48.4453, 0.2761,
0.3418

58.2467, 0.3265,
0.3253

46.7924, 0.2657,
0.3468

61.5629, 0.3401,
0.3222

45.4277, 0.2568,
0.3520

65.1676, 0.3531,
0.3194

44.3333, 0.2495,
0.3575

65.3199, 0.3506,
0.3162

■ 43.4895, 0.2441,
0.3631

■ 65.4753, 0.3482,
0.3130

■ 42.8738, 0.2406,
0.3687

■ 65.6336, 0.3457,
0.3099

■ 42.4597, 0.2390,
0.3744

■ 65.7951, 0.3432,
0.3067

■ 42.1978, 0.2389,
0.3800

■ 65.9595, 0.3408,
0.3036

Harmonies

Analogous

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



52.6772, 0.3084, 0.3405



52.6772, 0.3001, 0.3328



52.6772, 0.2952, 0.3242

Triad

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



52.6772, 0.3001, 0.3328



52.6772, 0.3073, 0.3136



52.6772, 0.3309, 0.3407

Complementary

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



52.6772, 0.3001, 0.3328



46.4910, 0.3270, 0.3252

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.



52.6772, 0.3306, 0.3334



52.6772, 0.3001, 0.3328



52.6772, 0.3169, 0.3179

Square

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



52.6772, 0.3001, 0.3328



52.6772, 0.2993, 0.3132



52.6772, 0.3254, 0.3251



52.6772, 0.3262, 0.3450

Rectangle

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



52.6772, 0.3001, 0.3328



52.6772, 0.2944, 0.3191



52.6772, 0.3254, 0.3251



52.6772, 0.3314, 0.3385

Sweetspot

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



52.6794, 0.3001, 0.3328



98.4998, 0.3087, 0.3302



52.3811, 0.3141, 0.3535



20.9993, 0.3076, 0.3305



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.



52.6794, 0.3001, 0.3328



94.3421, 0.2969, 0.3339



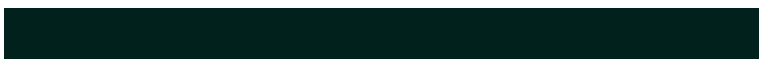
50.0237, 0.2979, 0.3209



11.4001, 0.3005, 0.3327



27.1204, 0.2387, 0.3794



1.1793, 0.2352, 0.3669

Inverse Universe

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



46.4910, 0.3270, 0.3252



80.4583, 0.3312, 0.3242



48.9252, 0.3286, 0.3370



10.1034, 0.3264, 0.3254



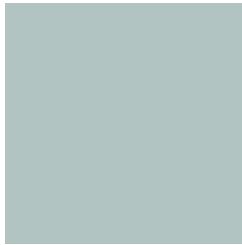
7.6132, 0.6155, 0.3164



0.3374, 0.5602, 0.2860

Previews

White Background



This preview shows how the Yxy color 52.6772, 0.3001, 0.3328 looks on a white background.

Color Contrast Check

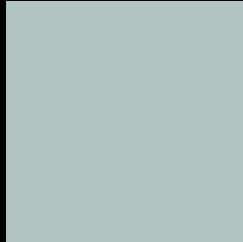
Large Text (above 18pt) WCAG AA × Fail

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 52.6772, 0.3001, 0.3328 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

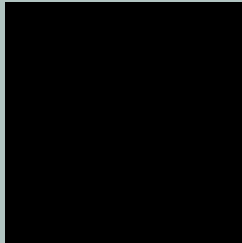
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

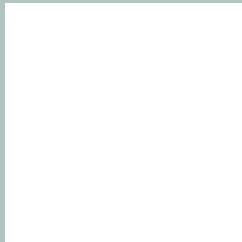
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.6772, 0.3001, 0.3328

Background



This preview shows how black text looks on a background with the Yxy color 52.6772, 0.3001, 0.3328.

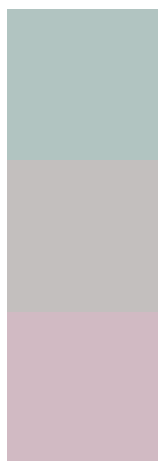


This preview shows how white text looks on a background with the Yxy color 52.6772, 0.3001, 0.3328.

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

52.6772, 0.3001, 0.3328

Protanopia

52.5814, 0.3167, 0.3302

Deuteranopia

52.6133, 0.3249, 0.3183



Tritanopia

52.8903, 0.2912, 0.3103

Trichromacy



Original Color

52.6772, 0.3001, 0.3328

Protanomaly

52.5929, 0.3102, 0.3315

Deuteranomaly

52.5923, 0.3154, 0.3241

Tritanomaly

52.9257, 0.2946, 0.3189

Monochromacy



Original Color

52.6772, 0.3001, 0.3328

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.7751, 0.3078, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.6772, 0.3001, 0.3328 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(177, 196, 193)` looks like.

```
.text, #text, p{  
    color:rgb(177, 196, 193)  
}
```

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(177, 196, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 196, 193) }
```

Border

The CSS property to change the border of an element to Yxy 52.6772, 0.3001, 0.3328 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(177, 196, 193) }
```

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

```
.border{ border-color:rgb(177, 196, 193) }
```

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

Here you see how a box with a 4 pixel rgb(177, 196, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 196, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 196, 193);  
box-shadow:4px 4px 4px 4px rgb(177, 196,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 52.6772, 0.3001, 0.3328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 196, 193) }
```

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

```
.background{ background-color: rgb(177,  
196, 193) }
```

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