

Converting Colors

Yxy(53.0367, 0.3013, 0.3331)

Have a look what the booklet for
Yxy(53.0367, 0.3013, 0.3331)
contains.

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Color

Yxy(52.9138, 0.3016, 0.3328)

Conversions

Conversions Part 1

Format	Color
Hex	B3C4C1
RGB	179, 196, 193
RGB Percent	70%, 77%, 76%
CMY	0.2981, 0.2313, 0.2432
CMYK	0.09, 0.00, 0.02, 0.23
HSL	169°, 13%, 74%
HSV	169°, 9%, 77%
XYZ	47.9531, 52.9138, 58.1289
YIQ	190.5750, -9.1690, -4.5370

Conversions

Conversions Part 2

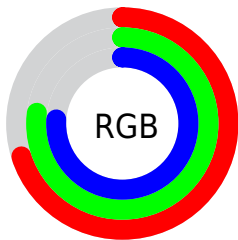
Format	Color
R _Y B	179, 188, 196
Decimal	11781313
CIE Lab	77.82, -6.37, -0.48
CIE LCh	78, 6.390, 184.311
Yxy	52.9138, 0.3016, 0.3328
Android (android.graphics.Color)	4289971393 (0xFFB3C4C1)
YUV	190.5750, 1.1955, -10.1513
Hunter-Lab	72.7419, -9.6269, 3.5400

Details

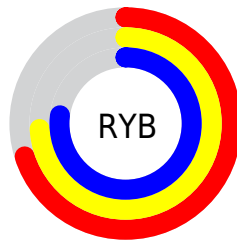
The Yxy color **52.9138, 0.3016, 0.3328** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.3524, 0.3251, 0.3252**, and the grayscale version is **51.8384, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.7523, 0.3039, 0.3329**, and **25.6751, 0.2979, 0.3324** is the 20% darker color. If you saturate the color by 10%, you get **50.5907, 0.2893, 0.3376**, and if you desaturate by 10%, it is **55.5770, 0.3144, 0.3285**.

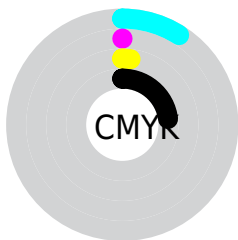
Distribution



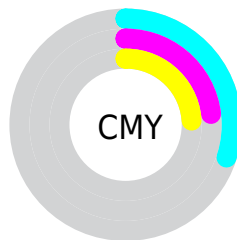
- Red (70%)
- Green (77%)
- Blue (76%)



- Red (70%)
- Yellow (74%)
- Blue (77%)



- Cyan (9%)
- Magenta (0%)
- Yellow (2%)
- Black (23%)



- Cyan (30%)
- Magenta (23%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.9138, 0.3016, 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 52.9138, 0.3016, 0.3328 by changing the saturation by 10% instead.

■ 52.9138, 0.3016,
0.3328

■ 52.9138, 0.3016,
0.3328

397.9543, 0.3070,
0.3310

■ 37.7340, 0.3003,
0.3332

■ 94.4775, 0.3036,
0.3321

■ 25.7763, 0.2986,
0.3338

121.6302, 0.3043,
0.3319

■ 16.6563, 0.2964,
0.3345

153.5426, 0.3049,
0.3317

■ 9.9898, 0.2934,
0.3356

190.5991, 0.3055,
0.3315

■ 5.3922, 0.2890,
0.3370

233.1841, 0.3059,
0.3313

■ 2.4792, 0.2820,
0.3393

281.6821, 0.3063,

■ 0.8662, 0.2660,

0.3312

0.3450

336.4774, 0.3067,
0.3311

0.0000, 0.0000,
0.0000

52.9138, 0.3016,
0.3328

52.9138, 0.3016,
0.3328

50.5907, 0.2893,
0.3376

55.5770, 0.3144,
0.3285

48.5870, 0.2779,
0.3428

58.5868, 0.3276,
0.3245

46.8900, 0.2675,
0.3484

61.9577, 0.3408,
0.3211

45.4837, 0.2586,
0.3542

65.2443, 0.3519,
0.3179

44.3502, 0.2513,
0.3604

65.4164, 0.3492,
0.3143

■ 43.4702, 0.2459,
0.3667

■ 65.5923, 0.3464,
0.3108

■ 42.8214, 0.2423,
0.3731

■ 65.7719, 0.3437,
0.3073

■ 42.3776, 0.2407,
0.3795

■ 65.9555, 0.3409,
0.3038

■ 42.0964, 0.2407,
0.3858

■ 66.1428, 0.3382,
0.3004

Harmonies

Analogous

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



52.9138, 0.3092, 0.3396



52.9138, 0.3016, 0.3328



52.9138, 0.2970, 0.3250

Triad

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



52.9138, 0.3016, 0.3328



52.9138, 0.3074, 0.3150



52.9138, 0.3292, 0.3394

Complementary

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



52.9138, 0.3016, 0.3328



47.3524, 0.3251, 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.



52.9138, 0.3287, 0.3327



52.9138, 0.3016, 0.3328



52.9138, 0.3161, 0.3187

Square

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



52.9138, 0.3016, 0.3328



52.9138, 0.3003, 0.3148



52.9138, 0.3239, 0.3252



52.9138, 0.3252, 0.3434

Rectangle

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



52.9138, 0.3016, 0.3328



52.9138, 0.2962, 0.3204



52.9138, 0.3239, 0.3252



52.9138, 0.3296, 0.3373

Sweetspot

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



52.9160, 0.3016, 0.3328



98.4906, 0.3088, 0.3303



52.6967, 0.3142, 0.3508



20.9968, 0.3077, 0.3307



0.0000, 0.0000, 0.0000



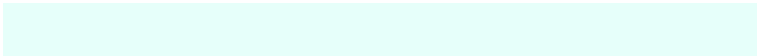
21.4041, 0.3127, 0.3290

Same Dimension

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



52.9160, 0.3016, 0.3328



95.1921, 0.2997, 0.3335



50.6649, 0.2995, 0.3221



11.3968, 0.3007, 0.3331



27.0366, 0.2405, 0.3857



1.1764, 0.2366, 0.3716

Inverse Universe

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



47.3524, 0.3251, 0.3252



83.5179, 0.3274, 0.3246



49.4309, 0.3269, 0.3358



10.1065, 0.3262, 0.3249



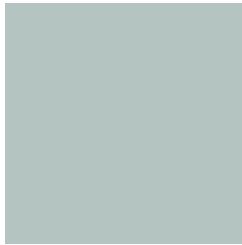
7.6272, 0.6110, 0.3140



0.3387, 0.5524, 0.2817

Previews

White Background



This preview shows how the Yxy color 52.9138, 0.3016, 0.3328 looks on a white background.

Color Contrast Check

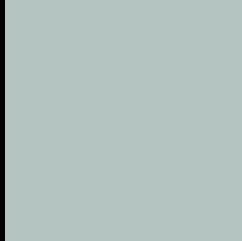
Large Text (above 18pt) WCAG AA × Fail

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 52.9138, 0.3016, 0.3328 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

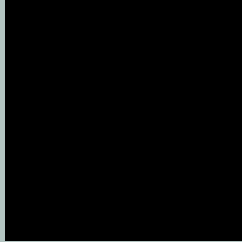
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

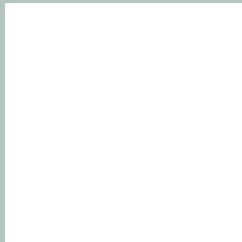
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.9138, 0.3016, 0.3328

Background



This preview shows how black text looks on a background with the Yxy color 52.9138, 0.3016, 0.3328.



This preview shows how white text looks on a background with the Yxy color 52.9138, 0.3016, 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

52.9138, 0.3016, 0.3328

Protanopia

52.7151, 0.3176, 0.3302

Deuteranopia

52.6133, 0.3249, 0.3183



Tritanopia

53.1321, 0.2927, 0.3104

Trichromacy



Original Color

52.9138, 0.3016, 0.3328

Protanomaly

52.8487, 0.3118, 0.3315

Deuteranomaly

52.7277, 0.3162, 0.3241

Tritanomaly

53.1658, 0.2961, 0.3190

Monochromacy



Original Color

52.9138, 0.3016, 0.3328

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.5105, 0.3087, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.9138, 0.3016, 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(179, 196, 193)` looks like.

```
.text, #text, p{  
    color:rgb(179, 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(179, 196, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 196, 193) }
```

Border

The CSS property to change the border of an element to Yxy 52.9138, 0.3016, 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(179, 196, 193) }
```

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

```
.border{ border-color:rgb(179, 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(179, 196, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 196, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 196, 193);  
box-shadow:4px 4px 4px 4px rgb(179, 196,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 52.9138, 0.3016, 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(179, 196, 193) }
```

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

```
.background{ background-color: rgb(179,  
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](#).

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