

Converting Colors

Yxy(51.9663, 0.3112, 0.3327)

Have a look what the booklet for
Yxy(51.9663, 0.3112, 0.3327)
contains.

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Color

Yxy(51.9382, 0.3109, 0.3328)

Conversions

Conversions Part 1

Format	Color
Hex	BBC0BD
RGB	187, 192, 189
RGB Percent	73%, 75%, 74%
CMY	0.2668, 0.2470, 0.2589
CMYK	0.03, 0.00, 0.02, 0.25
HSL	144°, 4%, 74%
HSV	144°, 3%, 75%
XYZ	48.5204, 51.9382, 55.6057
YIQ	190.1630, -2.0170, -1.9930

Conversions

Conversions Part 2

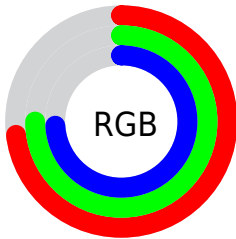
Format	Color
R _Y B	187, 191, 192
Decimal	12304573
CIE Lab	77.24, -2.31, 0.90
CIE LCh	77, 2.477, 158.656
Yxy	51.9382, 0.3109, 0.3328
Android (android.graphics.Color)	4290494653 (0xFFBBC0BD)
YUV	190.1630, -0.5734, -2.7740
Hunter-Lab	72.0682, -5.9429, 4.7013

Details

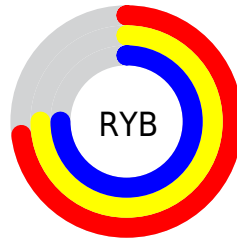
The Yxy color **51.9382, 0.3109, 0.3328** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.4504, 0.3146, 0.3252**, and the grayscale version is **51.5933, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.7821, 0.3113, 0.3320**, and **25.3111, 0.3103, 0.3341** is the 20% darker color. If you saturate the color by 10%, you get **49.1993, 0.3040, 0.3484**, and if you desaturate by 10%, it is **55.0449, 0.3178, 0.3190**.

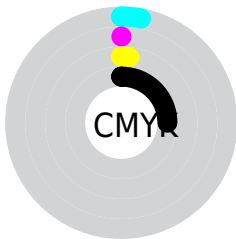
Distribution



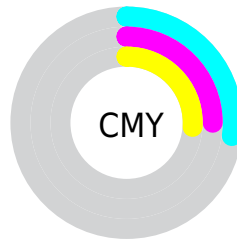
- Red (73%)
- Green (75%)
- Blue (74%)



- Red (73%)
- Yellow (75%)
- Blue (75%)



- Cyan (3%)
- Magenta (0%)
- Yellow (2%)
- Black (25%)



- Cyan (27%)
- Magenta (25%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.9382, 0.3109, 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 51.9382, 0.3109, 0.3328 by changing the saturation by 10% instead.

■ 51.9382, 0.3109,
0.3328

■ 51.9382, 0.3109,
0.3328

394.1980, 0.3118,
0.3309

■ 36.9558, 0.3107,
0.3333

■ 93.0401, 0.3112,
0.3321

■ 25.1733, 0.3104,
0.3338

119.9284, 0.3113,
0.3319

■ 16.2062, 0.3100,
0.3346

151.5541, 0.3115,
0.3317

■ 9.6702, 0.3095,
0.3357

188.3017, 0.3115,
0.3315

■ 5.1808, 0.3088,
0.3372

230.5554, 0.3116,
0.3313

■ 2.3538, 0.3076,
0.3397

278.6998, 0.3117,

■ 0.8019, 0.3045,

0.3312

0.3460

333.1192, 0.3117,
0.3311

0.0000, 0.0000,
0.0000

51.9382, 0.3109,
0.3328

51.9382, 0.3109,
0.3328

49.1993, 0.3040,
0.3484

55.0449, 0.3178,
0.3190

46.8079, 0.2974,
0.3658

58.5257, 0.3245,
0.3068

44.7517, 0.2911,
0.3850

62.3950, 0.3311,
0.2962

43.0150, 0.2856,
0.4059

64.9634, 0.3305,
0.2859

41.5810, 0.2810,
0.4282

65.6495, 0.3218,
0.2751

■ 40.4313, 0.2779,
0.4513

■ 66.1867, 0.3156,
0.2673

■ 39.5452, 0.2764,
0.4746

■ 38.8993, 0.2767,
0.4972

■ 38.4655, 0.2789,
0.5184

Harmonies

Analogous

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



51.9382, 0.3143, 0.3345



51.9382, 0.3109, 0.3328



51.9382, 0.3080, 0.3301

Triad

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



51.9382, 0.3109, 0.3328



51.9382, 0.3082, 0.3234



51.9382, 0.3191, 0.3309

Complementary

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



51.9382, 0.3109, 0.3328



50.4504, 0.3146, 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.



51.9382, 0.3174, 0.3280



51.9382, 0.3109, 0.3328



51.9382, 0.3112, 0.3236

Square

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



51.9382, 0.3109, 0.3328



51.9382, 0.3065, 0.3246



51.9382, 0.3145, 0.3253



51.9382, 0.3190, 0.3334

Rectangle

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



51.9382, 0.3109, 0.3328



51.9382, 0.3068, 0.3281



51.9382, 0.3145, 0.3253



51.9382, 0.3187, 0.3299

Sweetspot

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



51.9404, 0.3109, 0.3328



94.9586, 0.3120, 0.3305



52.2394, 0.3149, 0.3353



20.3777, 0.3121, 0.3304



97.7402, 0.3127, 0.3290



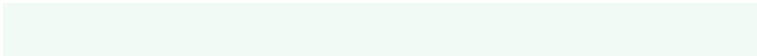
20.4902, 0.3127, 0.3290

Same Dimension

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



51.9404, 0.3109, 0.3328



93.8755, 0.3106, 0.3334



52.0509, 0.3090, 0.3296



11.6779, 0.3101, 0.3345



25.7431, 0.2807, 0.5304



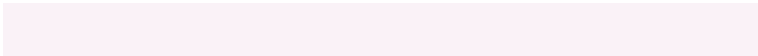
1.1259, 0.2679, 0.4844

Inverse Universe

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



50.4504, 0.3146, 0.3252



90.7587, 0.3149, 0.3246



50.3411, 0.3165, 0.3284



11.2013, 0.3154, 0.3236



8.3886, 0.4528, 0.2268



0.3758, 0.4159, 0.2065

Previews

White Background



This preview shows how the Yxy color 51.9382, 0.3109, 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 51.9382, 0.3109, 0.3328 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

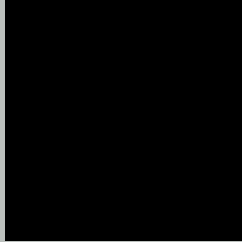
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

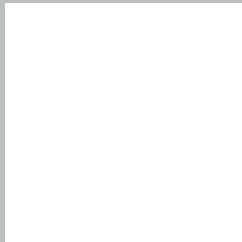
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.9382, 0.3109, 0.3328

Background



This preview shows how black text looks on a background with the Yxy color 51.9382, 0.3109, 0.3328.



This preview shows how white text looks on a background with the Yxy color 51.9382, 0.3109, 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

51.9382, 0.3109, 0.3328

Protanopia

52.0599, 0.3184, 0.3315

Deuteranopia

51.9709, 0.3291, 0.3231



Tritanopia

52.0535, 0.3008, 0.3105

Trichromacy



Original Color

51.9382, 0.3109, 0.3328

Protanomaly

52.0989, 0.3158, 0.3327

Deuteranomaly

52.1017, 0.3220, 0.3266

Tritanomaly

52.0765, 0.3044, 0.3191

Monochromacy



Original Color

51.9382, 0.3109, 0.3328

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.7981, 0.3118, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.9382, 0.3109, 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(187, 192, 189)` looks like.

```
.text, #text, p{  
    color:rgb(187, 192, 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(187, 192, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 192, 189) }
```

Border

The CSS property to change the border of an element to Yxy 51.9382, 0.3109, 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(187, 192, 189) }
```

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

```
.border{ border-color:rgb(187, 192, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 192, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 192, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 192, 189);  
box-shadow:4px 4px 4px 4px rgb(187, 192,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 51.9382, 0.3109, 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(187, 192, 189) }
```

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

```
.background{ background-color: rgb(187,  
192, 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](#).

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