

Converting Colors

Yxy(51.8068, 0.3299, 0.3334)

Have a look what the booklet for
Yxy(51.8068, 0.3299, 0.3334)
contains.

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Color

Yxy(51.7969, 0.3302, 0.3339)

Conversions

Conversions Part 1

Format	Color
Hex	CCBBB7
RGB	204, 187, 183
RGB Percent	80%, 73%, 72%
CMY	0.2000, 0.2667, 0.2823
CMYK	0.00, 0.08, 0.10, 0.20
HSL	11°, 17%, 76%
HSV	11°, 10%, 80%
XYZ	51.2229, 51.7969, 52.1072
YIQ	191.6270, 11.4160, 2.3600

Conversions

Conversions Part 2

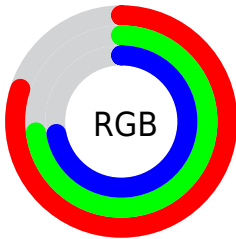
Format	Color
R _Y B	204, 188, 183
Decimal	13417399
CIE Lab	77.16, 5.34, 4.18
CIE LCh	77, 6.785, 38.045
Yxy	51.7969, 0.3302, 0.3339
Android (android.graphics.Color)	4291607479 (0xFFCCBBB7)
YUV	191.6270, -4.2531, 10.8511
Hunter-Lab	71.9701, 1.0954, 7.4524

Details

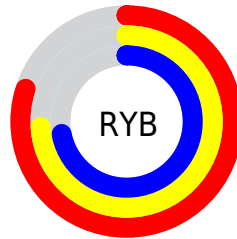
The Yxy color **51.7969, 0.3302, 0.3339** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.7521, 0.2970, 0.3240**, and the grayscale version is **52.5062, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.5932, 0.3230, 0.3329**, and **25.1459, 0.3354, 0.3356** is the 20% darker color. If you saturate the color by 10%, you get **44.3948, 0.3508, 0.3390**, and if you desaturate by 10%, it is **60.1343, 0.3132, 0.3291**.

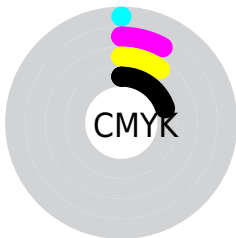
Distribution



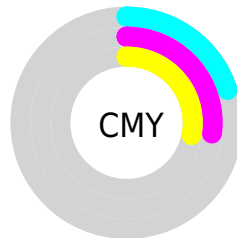
- Red (80%)
- Green (73%)
- Blue (72%)



- Red (80%)
- Yellow (74%)
- Blue (72%)



- Cyan (0%)
- Magenta (8%)
- Yellow (10%)
- Black (20%)




- Cyan (20%)
- Magenta (27%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.7969, 0.3302, 0.3339 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 51.7969, 0.3302, 0.3339 by changing the saturation by 10% instead.


 51.7969, 0.3302,
0.3339

 51.7969, 0.3302,
0.3339


393.6520, 0.3216,
0.3316

 36.8432, 0.3323,
0.3345


 92.8316, 0.3271,
0.3331

 25.0861, 0.3350,
0.3352


119.6815, 0.3259,
0.3328

 16.1412, 0.3386,
0.3361


151.2655, 0.3249,
0.3325

 9.6241, 0.3435,
0.3373

187.9681, 0.3241,
0.3322

 5.1505, 0.3507,
0.3390

230.1736, 0.3233,
0.3320

 2.3358, 0.3624,
0.3415

278.2666, 0.3227,

 0.7926, 0.3935,

0.3319

0.3526

332.6312, 0.3221,
0.3317

0.0000, 0.0000,
0.0000

51.7969, 0.3302,
0.3339

51.7969, 0.3302,
0.3339

44.3948, 0.3508,
0.3390

60.1343, 0.3132,
0.3291

37.8885, 0.3757,
0.3443

69.4310, 0.2991,
0.3247

32.2458, 0.4055,
0.3495

79.7187, 0.2874,
0.3207

27.4303, 0.4403,
0.3542

90.3903, 0.2826,
0.3270

23.4024, 0.4795,
0.3577

91.5790, 0.2827,
0.3289

■ 20.1196, 0.5213,
0.3591

■ 17.5352, 0.5619,
0.3575

■ 15.5969, 0.5962,
0.3524

■ 14.2698, 0.6204,
0.3456

Harmonies

Analogous

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



51.7969, 0.3255, 0.3259



51.7969, 0.3302, 0.3339



51.7969, 0.3301, 0.3408

Triad

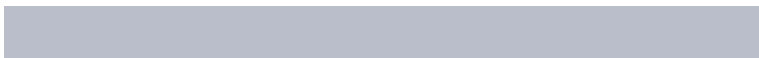
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



51.7969, 0.3302, 0.3339



51.7969, 0.3079, 0.3396



51.7969, 0.3002, 0.3136

Complementary

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



51.7969, 0.3302, 0.3339



55.7521, 0.2970, 0.3240

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.



51.7969, 0.2956, 0.3170



51.7969, 0.3302, 0.3339



51.7969, 0.3000, 0.3320

Square

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



51.7969, 0.3302, 0.3339



51.7969, 0.3171, 0.3443



51.7969, 0.2956, 0.3237



51.7969, 0.3082, 0.3143

Rectangle

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



51.7969, 0.3302, 0.3339



51.7969, 0.3273, 0.3438



51.7969, 0.2956, 0.3237



51.7969, 0.2982, 0.3143

Sweetspot

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



51.7992, 0.3302, 0.3339



95.6253, 0.3175, 0.3304



50.8913, 0.3169, 0.3085



20.2228, 0.3189, 0.3308



0.0000, 0.0000, 0.0000



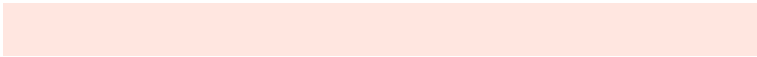
21.4041, 0.3127, 0.3290

Same Dimension

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



51.7992, 0.3302, 0.3339



83.3704, 0.3338, 0.3348



56.3564, 0.3288, 0.3463



11.5523, 0.3285, 0.3335



9.0828, 0.6183, 0.3472



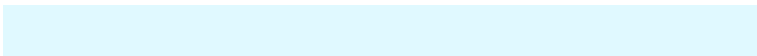
0.5743, 0.5816, 0.3764

Inverse Universe

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



55.7521, 0.2970, 0.3240



91.0043, 0.2942, 0.3231



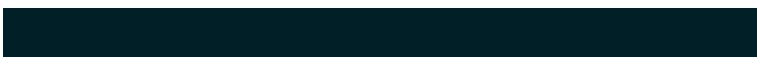
51.1122, 0.2968, 0.3111



12.3513, 0.2983, 0.3245



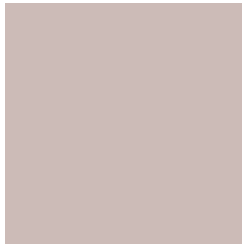
19.8815, 0.2077, 0.2676



1.1213, 0.2114, 0.2809

Previews

White Background



This preview shows how the Yxy color 51.7969, 0.3302, 0.3339 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 51.7969, 0.3302, 0.3339 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

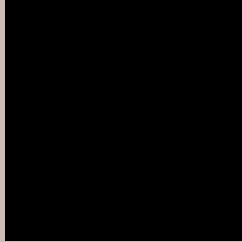
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.7969, 0.3302, 0.3339

Background



This preview shows how black text looks on a background with the Yxy color 51.7969, 0.3302, 0.3339.



This preview shows how white text looks on a background with the Yxy color 51.7969, 0.3302, 0.3339.

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

51.7969, 0.3302, 0.3339

Protanopia

51.9318, 0.3207, 0.3352

Deuteranopia

51.7387, 0.3367, 0.3291



Tritanopia

51.9433, 0.3193, 0.3123

Trichromacy



Original Color

51.7969, 0.3302, 0.3339

Protanomaly

51.8617, 0.3241, 0.3352

Deuteranomaly

51.7139, 0.3340, 0.3303

Tritanomaly

51.9472, 0.3232, 0.3206

Monochromacy



Original Color

51.7969, 0.3302, 0.3339

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.2368, 0.3184, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.7969, 0.3302, 0.3339 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(204, 187, 183)` looks like.

```
.text, #text, p{  
    color:rgb(204, 187, 183)  
}
```

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(204, 187, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 187, 183) }
```

Border

The CSS property to change the border of an element to Yxy 51.7969, 0.3302, 0.3339 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(204, 187, 183) }
```

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

```
.border{ border-color:rgb(204, 187, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 187, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 187, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 187, 183);  
box-shadow:4px 4px 4px 4px rgb(204, 187,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 51.7969, 0.3302, 0.3339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 187, 183) }
```

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

```
.background{ background-color: rgb(204,  
187, 183) }
```

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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