

Converting Colors

Yxy(51.8567, 0.3263, 0.3300)

Have a look what the booklet for
Yxy(51.8567, 0.3263, 0.3300)
contains.

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Color

Yxy(51.7823, 0.3269, 0.3303)

Conversions

Conversions Part 1

Format	Color
Hex	CBBBBA
RGB	203, 187, 186
RGB Percent	80%, 73%, 73%
CMY	0.2041, 0.2666, 0.2706
CMYK	0.00, 0.08, 0.08, 0.20
HSL	4°, 14%, 76%
HSV	4°, 8%, 80%
XYZ	51.2493, 51.7823, 53.7420
YIQ	191.6700, 9.8570, 3.0810

Conversions

Conversions Part 2

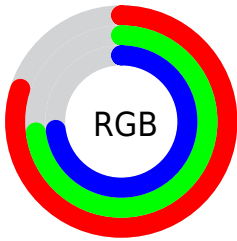
Format	Color
R _Y B	203, 187, 186
Decimal	13351866
CIE Lab	77.15, 5.45, 2.55
CIE LCh	77, 6.016, 25.046
Yxy	51.7823, 0.3269, 0.3303
Android (android.graphics.Color)	4291541946 (0xFFCBBBBA)
YUV	191.6700, -2.7953, 9.9364
Hunter-Lab	71.9599, 1.1964, 6.0923

Details

The Yxy color **51.7823, 0.3269, 0.3303** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.9452, 0.2999, 0.3277**, and the grayscale version is **52.5193, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.7720, 0.3212, 0.3300**, and **25.1332, 0.3310, 0.3307** is the 20% darker color. If you saturate the color by 10%, you get **43.4246, 0.3476, 0.3320**, and if you desaturate by 10%, it is **61.3400, 0.3102, 0.3288**.

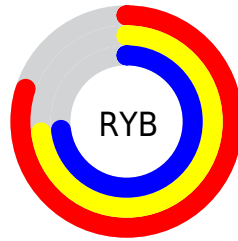
Distribution



Red (80%)

Green (73%)

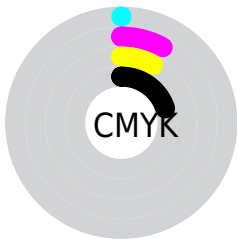
Blue (73%)



Red (80%)

Yellow (73%)

Blue (73%)

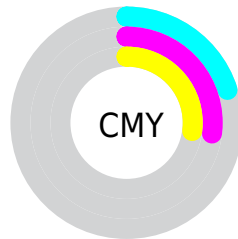


Cyan (0%)

Magenta (8%)

Yellow (8%)

Black (20%)



Cyan (20%)


Magenta (27%)

Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.7823, 0.3269, 0.3303 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 51.7823, 0.3269, 0.3303 by changing the saturation by 10% instead.


 51.7823, 0.3269,
0.3303

 51.7823, 0.3269,
0.3303


393.5956, 0.3199,
0.3297

 36.8316, 0.3286,
0.3304


 92.8101, 0.3244,
0.3301

 25.0771, 0.3308,
0.3306


119.6560, 0.3234,
0.3300

 16.1345, 0.3337,
0.3308


151.2357, 0.3226,
0.3299

 9.6194, 0.3377,
0.3311

187.9336, 0.3219,
0.3299

 5.1473, 0.3435,
0.3314

230.1342, 0.3213,
0.3298

 2.3340, 0.3529,
0.3319

278.2218, 0.3208,

 0.7916, 0.3752,

0.3298

0.3352

332.5808, 0.3203,
0.3297

0.0000, 0.0000,
0.0000

51.7823, 0.3269,
0.3303

51.7823, 0.3269,
0.3303

43.4246, 0.3476,
0.3320

61.3400, 0.3102,
0.3288

36.2130, 0.3731,
0.3337

72.1354, 0.2967,
0.3273

30.0996, 0.4044,
0.3355

84.2129, 0.2857,
0.3261

25.0305, 0.4419,
0.3371

91.4286, 0.2821,
0.3289

20.9474, 0.4850,
0.3382

■ 17.7860, 0.5312,
0.3385

■ 15.4745, 0.5755,
0.3378

■ 13.9305, 0.6113,
0.3358

■ 13.0526, 0.6334,
0.3332

Harmonies

Analogous

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



51.7823, 0.3213, 0.3233



51.7823, 0.3269, 0.3303



51.7823, 0.3287, 0.3371

Triad

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



51.7823, 0.3269, 0.3303



51.7823, 0.3119, 0.3406



51.7823, 0.2994, 0.3162

Complementary

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



51.7823, 0.3269, 0.3303



56.9452, 0.2999, 0.3277

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.



51.7823, 0.2970, 0.3207



51.7823, 0.3269, 0.3303



51.7823, 0.3042, 0.3348

Square

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



51.7823, 0.3269, 0.3303



51.7823, 0.3200, 0.3431



51.7823, 0.2987, 0.3275



51.7823, 0.3054, 0.3152

Rectangle

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



51.7823, 0.3269, 0.3303



51.7823, 0.3275, 0.3406



51.7823, 0.2987, 0.3275



51.7823, 0.2982, 0.3174

Sweetspot

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



51.7846, 0.3269, 0.3303



95.0193, 0.3176, 0.3295



52.0710, 0.3143, 0.3097



20.0600, 0.3189, 0.3296



0.0000, 0.0000, 0.0000



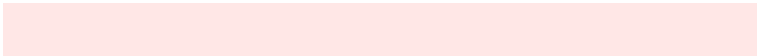
21.4041, 0.3127, 0.3290

Same Dimension

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



51.7846, 0.3269, 0.3303



84.1286, 0.3303, 0.3306



55.4046, 0.3259, 0.3403



11.3217, 0.3289, 0.3305



8.2996, 0.6351, 0.3339



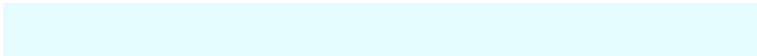
0.4675, 0.6188, 0.3469

Inverse Universe

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



56.9452, 0.2999, 0.3277



94.4913, 0.2973, 0.3274



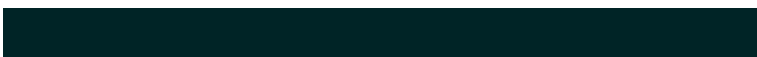
53.1612, 0.2999, 0.3174



12.6051, 0.2984, 0.3275



26.3978, 0.2195, 0.3100



1.3982, 0.2206, 0.3140

Previews

White Background



This preview shows how the Yxy color 51.7823, 0.3269, 0.3303 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 51.7823, 0.3269, 0.3303 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

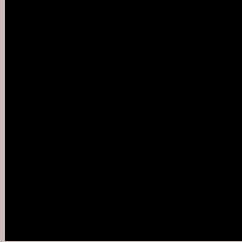
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

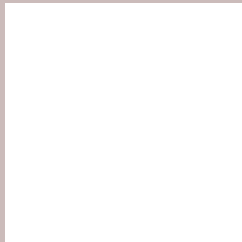
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.7823, 0.3269, 0.3303

Background



This preview shows how black text looks on a background with the Yxy color 51.7823, 0.3269, 0.3303.



This preview shows how white text looks on a background with the Yxy color 51.7823, 0.3269, 0.3303.

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

51.7823, 0.3269, 0.3303

Protanopia

52.0169, 0.3191, 0.3327

Deuteranopia

51.5705, 0.3325, 0.3255



Tritanopia

51.8006, 0.3185, 0.3123

Trichromacy



Original Color

51.7823, 0.3269, 0.3303

Protanomaly

51.9888, 0.3217, 0.3315

Deuteranomaly

51.5512, 0.3298, 0.3266

Tritanomaly

51.8502, 0.3215, 0.3194

Monochromacy



Original Color

51.7823, 0.3269, 0.3303

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.2804, 0.3176, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.7823, 0.3269, 0.3303 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(203, 187, 186)` looks like.

```
.text, #text, p{  
    color:rgb(203, 187, 186)  
}
```

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(203, 187, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 187, 186) }
```

Border

The CSS property to change the border of an element to Yxy 51.7823, 0.3269, 0.3303 is called "border". The border property can be set on classes, ids or directly on the HTML element.

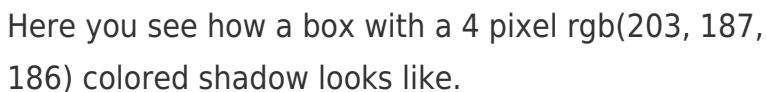
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(203, 187, 186) }
```

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

```
.border{ border-color:rgb(203, 187, 186) }
```

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



Here you see how a box with a 4 pixel `rgb(203, 187, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(203, 187, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(203, 187, 186); box-shadow:4px 4px 4px 4px rgb(203, 187, 186) }
```


Background

The CSS property to change the background color of an element to Yxy 51.7823, 0.3269, 0.3303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 187, 186) }
```

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

```
.background{ background-color: rgb(203,  
187, 186) }
```

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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