

Converting Colors

$Y_{xy}(50.3160, 0.3270, 0.3269)$

Have a look what the booklet for
Yxy(50.3160, 0.3270, 0.3269)
contains.

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Color

Yxy(50.3827, 0.3264, 0.3266)

Conversions

Conversions Part 1

Format	Color
Hex	CAB8BA
RGB	202, 184, 186
RGB Percent	79%, 72%, 73%
CMY	0.2080, 0.2784, 0.2706
CMYK	0.00, 0.09, 0.08, 0.21
HSL	353°, 14%, 76%
HSV	353°, 9%, 79%
XYZ	50.3518, 50.3827, 53.5297
YIQ	189.6100, 10.0860, 4.4380

Conversions

Conversions Part 2

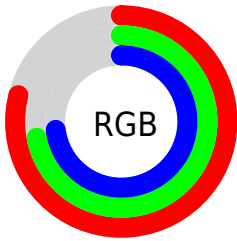
Format	Color
R _Y B	202, 184, 186
Decimal	13285562
CIE Lab	76.30, 6.71, 1.30
CIE LCh	76, 6.835, 10.922
Yxy	50.3827, 0.3264, 0.3266
Android (android.graphics.Color)	4291475642 (0xFFCAB8BA)
YUV	189.6100, -1.7797, 10.8660
Hunter-Lab	70.9808, 2.4067, 4.9734

Details

The Yxy color **50.3827, 0.3264, 0.3266** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.5810, 0.3005, 0.3314**, and the grayscale version is **51.2613, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.9910, 0.3214, 0.3271**, and **24.2220, 0.3303, 0.3258** is the 20% darker color. If you saturate the color by 10%, you get **41.8674, 0.3453, 0.3237**, and if you desaturate by 10%, it is **60.1962, 0.3112, 0.3293**.

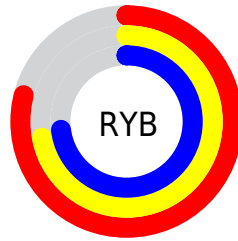
Distribution



Red (79%)

Green (72%)

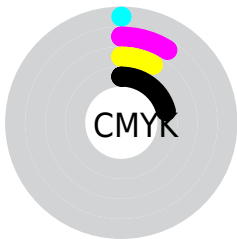
Blue (73%)



Red (79%)

Yellow (72%)

Blue (73%)

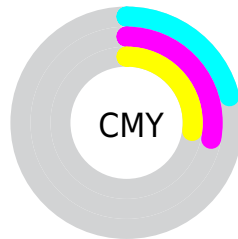


Cyan (0%)

Magenta (9%)

Yellow (8%)

Black (21%)



Cyan (21%)


Magenta (28%)

Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.3827, 0.3264, 0.3266 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 50.3827, 0.3264, 0.3266 by changing the saturation by 10% instead.


 50.3827, 0.3264,
0.3266

 50.3827, 0.3264,
0.3266


388.1607, 0.3196,
0.3278

 35.7176, 0.3281,
0.3263


 90.7416, 0.3240,
0.3270

 24.2162, 0.3302,
0.3259


117.2043, 0.3230,
0.3272

 15.4940, 0.3330,
0.3254


148.3681, 0.3223,
0.3274

 9.1668, 0.3369,
0.3246

184.6177, 0.3216,
0.3275

 4.8502, 0.3427,
0.3235

226.3374, 0.3210,
0.3276

 2.1596, 0.3521,
0.3216

273.9115, 0.3205,

 0.6978, 0.3770,

0.3277

0.3180

327.7244, 0.3200,
0.3277

0.0000, 0.0000,
0.0000

50.3827, 0.3264,
0.3266

50.3827, 0.3264,
0.3266

41.8674, 0.3453,
0.3237

60.1962, 0.3112,
0.3293

34.5896, 0.3688,
0.3207

71.3521, 0.2989,
0.3318

28.4937, 0.3977,
0.3178

83.9007, 0.2890,
0.3340

23.5173, 0.4325,
0.3153

91.2902, 0.2816,
0.3289

19.5920, 0.4730,
0.3135

■ 16.6423, 0.5172,
0.3130

■ 14.5824, 0.5612,
0.3145

■ 13.3114, 0.5989,
0.3181

■ 12.6670, 0.6253,
0.3228

Harmonies

Analogous

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



50.3827, 0.3184, 0.3192



50.3827, 0.3264, 0.3266



50.3827, 0.3307, 0.3347

Triad

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



50.3827, 0.3264, 0.3266



50.3827, 0.3163, 0.3442



50.3827, 0.2956, 0.3163

Complementary

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



50.3827, 0.3264, 0.3266



56.5810, 0.3005, 0.3314

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.



50.3827, 0.2951, 0.3229



50.3827, 0.3264, 0.3266



50.3827, 0.3069, 0.3392

Square

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



50.3827, 0.3264, 0.3266



50.3827, 0.3248, 0.3451



50.3827, 0.2992, 0.3313



50.3827, 0.3007, 0.3133

Rectangle

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



50.3827, 0.3264, 0.3266



50.3827, 0.3309, 0.3395



50.3827, 0.2992, 0.3313



50.3827, 0.2949, 0.3182

Sweetspot

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



50.3849, 0.3264, 0.3266



94.7854, 0.3171, 0.3282



50.8116, 0.3120, 0.3073



19.9972, 0.3183, 0.3280



0.0000, 0.0000, 0.0000



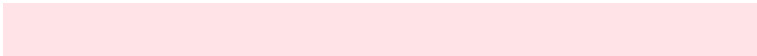
21.4041, 0.3127, 0.3290

Same Dimension

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



50.3849, 0.3264, 0.3266



81.8874, 0.3303, 0.3260



53.2274, 0.3271, 0.3374



11.2336, 0.3273, 0.3265



8.1249, 0.6255, 0.3220



0.4261, 0.5865, 0.3005

Inverse Universe

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



50.3849, 0.3264, 0.3266



81.8874, 0.3303, 0.3260



53.5207, 0.2991, 0.3204



11.2336, 0.3273, 0.3265



8.1249, 0.6255, 0.3220



0.4261, 0.5865, 0.3005

Previews

White Background



This preview shows how the Yxy color 50.3827, 0.3264, 0.3266 looks on a white background.

Color Contrast Check

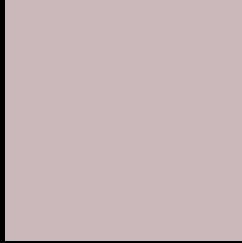
Large Text (above 18pt) WCAG AA × Fail

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 50.3827, 0.3264, 0.3266 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

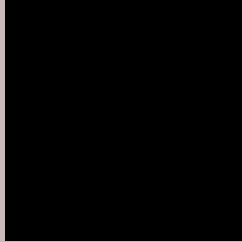
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.3827, 0.3264, 0.3266

Background



This preview shows how black text looks on a background with the Yxy color 50.3827, 0.3264, 0.3266.



This preview shows how white text looks on a background with the Yxy color 50.3827, 0.3264, 0.3266.

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

50.3827, 0.3264, 0.3266

Protanopia

50.3780, 0.3161, 0.3278

Deuteranopia

50.2665, 0.3310, 0.3242



Tritanopia

50.1836, 0.3186, 0.3109

Trichromacy



Original Color

50.3827, 0.3264, 0.3266

Protanomaly

50.4414, 0.3203, 0.3278

Deuteranomaly

50.3913, 0.3292, 0.3254

Tritanomaly

50.4137, 0.3218, 0.3169

Monochromacy



Original Color

50.3827, 0.3264, 0.3266

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.1099, 0.3169, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.3827, 0.3264, 0.3266 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(202, 184, 186)` looks like.

```
.text, #text, p{  
    color:rgb(202, 184, 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(202, 184, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 184, 186) }
```

Border

The CSS property to change the border of an element to Yxy 50.3827, 0.3264, 0.3266 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(202, 184, 186) }
```

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

```
.border{ border-color:rgb(202, 184, 186) }
```

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

Here you see how a box with a 4 pixel rgb(202, 184, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 184, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 184, 186);  
box-shadow:4px 4px 4px 4px rgb(202, 184,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 50.3827, 0.3264, 0.3266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 184, 186) }
```

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

```
.background{ background-color: rgb(202,  
184, 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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