

Converting Colors

Yxy(50.8550, 0.3181, 0.3149)

Have a look what the booklet for
Yxy(50.8550, 0.3181, 0.3149)
contains.

Yxy(50.8231, 0.3184, 0.3145)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(50.8231, 0.3184, 0.3145)

Conversions

Conversions Part 1

Format	Color
Hex	CAB8C4
RGB	202, 184, 196
RGB Percent	79%, 72%, 77%
CMY	0.2080, 0.2784, 0.2314
CMYK	0.00, 0.09, 0.03, 0.21
HSL	320°, 14%, 76%
HSV	320°, 9%, 79%
XYZ	51.4533, 50.8231, 59.3232
YIQ	190.7500, 6.8760, 7.5480

Conversions

Conversions Part 2

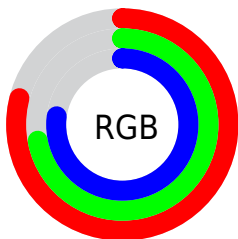
Format	Color
RYB	202, 184, 196
Decimal	13285572
CIELab	76.57, 8.48, -3.74
CIELCh	77, 9.274, 336.194
Yxy	50.8231, 0.3184, 0.3145
Android (android.graphics.Color)	4291475652 (0xFFCAB8C4)
YUV	190.7500, 2.5882, 9.8663
Hunter-Lab	71.2903, 4.0732, 0.5659

Details

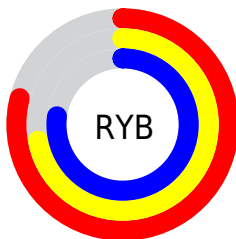
The Yxy color **50.8231, 0.3184, 0.3145** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.1317, 0.3074, 0.3439**, and the grayscale version is **51.9285, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.6720, 0.3146, 0.3165**, and **24.4815, 0.3204, 0.3111** is the 20% darker color. If you saturate the color by 10%, you get **42.7254, 0.3259, 0.2975**, and if you desaturate by 10%, it is **60.1367, 0.3121, 0.3308**.

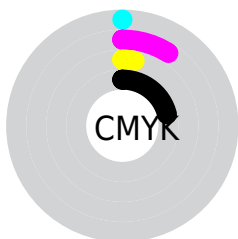
Distribution



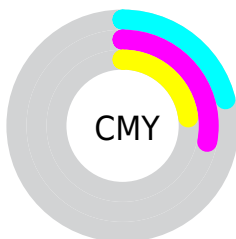
- Red (79%)
- Green (72%)
- Blue (77%)



- Red (79%)
- Yellow (72%)
- Blue (77%)



- Cyan (0%)
- Magenta (9%)
- Yellow (3%)
- Black (21%)





- Cyan (21%)
- Magenta (28%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.8231, 0.3184, 0.3145 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 50.8231, 0.3184, 0.3145 by changing the saturation by 10% instead.


 50.8231, 0.3184,
0.3145

 50.8231, 0.3184,
0.3145

389.8761, 0.3156,
0.3216

 36.0678, 0.3191,
0.3128


 91.3932, 0.3174,
0.3170

 24.4866, 0.3199,
0.3106


117.9769, 0.3170,
0.3180

 15.6950, 0.3210,
0.3078


149.2722, 0.3167,
0.3188

 9.3086, 0.3225,
0.3039

185.6634, 0.3164,
0.3195

 4.9430, 0.3247,
0.2983

227.5350, 0.3162,
0.3201

 2.2139, 0.3281,
0.2895

275.2714, 0.3160,

 0.7275, 0.3353,

0.3207

0.2711

329.2570, 0.3158,
0.3211

0.0000, 0.0000,
0.0000

50.8231, 0.3184,
0.3145

50.8231, 0.3184,
0.3145

42.7254, 0.3259,
0.2975

60.1367, 0.3121,
0.3308

35.7864, 0.3347,
0.2801

70.7073, 0.3067,
0.3461

29.9539, 0.3448,
0.2628

82.5822, 0.3023,
0.3603

25.1694, 0.3564,
0.2464

89.3895, 0.2985,
0.3636

21.3688, 0.3692,
0.2320

89.7581, 0.2949,
0.3562

■ 18.4809, 0.3830,
0.2205

■ 90.1412, 0.2913,
0.3489

■ 16.4249, 0.3974,
0.2131

■ 90.5389, 0.2878,
0.3416

■ 15.1058, 0.4119,
0.2105

■ 90.9514, 0.2843,
0.3345

■ 14.3675, 0.4260,
0.2126

■ 91.2910, 0.2816,
0.3289

Harmonies

Analogous

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



50.8231, 0.3057, 0.3087



50.8231, 0.3184, 0.3145



50.8231, 0.3298, 0.3240

Triad

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



50.8231, 0.3184, 0.3145



50.8231, 0.3305, 0.3504



50.8231, 0.2894, 0.3223

Complementary

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



50.8231, 0.3184, 0.3145



56.1317, 0.3074, 0.3439

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.



50.8231, 0.2958, 0.3338



50.8231, 0.3184, 0.3145



50.8231, 0.3194, 0.3503

Square

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



50.8231, 0.3184, 0.3145



50.8231, 0.3369, 0.3446



50.8231, 0.3067, 0.3442



50.8231, 0.2891, 0.3129

Rectangle

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



50.8231, 0.3184, 0.3145



50.8231, 0.3350, 0.3313



50.8231, 0.3067, 0.3442



50.8231, 0.2909, 0.3261

Sweetspot

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



50.8253, 0.3184, 0.3145



95.0533, 0.3146, 0.3241



49.4596, 0.3037, 0.3067



20.0694, 0.3151, 0.3228



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.



50.8253, 0.3184, 0.3145



82.8054, 0.3200, 0.3107



50.4407, 0.3254, 0.3250



11.3379, 0.3188, 0.3136



9.2213, 0.4258, 0.2120



0.4894, 0.4004, 0.1979

Inverse Universe

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



50.8253, 0.3184, 0.3145



82.8054, 0.3200, 0.3107



56.5233, 0.3014, 0.3330



11.3379, 0.3188, 0.3136



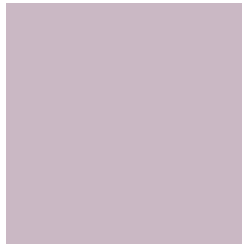
9.2213, 0.4258, 0.2120



0.4894, 0.4004, 0.1979

Previews

White Background



This preview shows how the Yxy color 50.8231, 0.3184, 0.3145 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 50.8231, 0.3184, 0.3145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

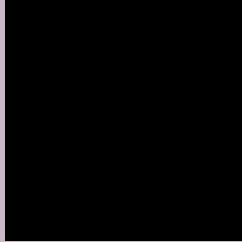
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

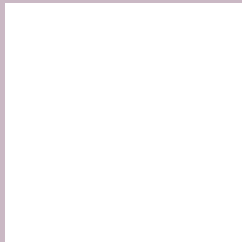
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.8231, 0.3184, 0.3145

Background



This preview shows how black text looks on a background with the Yxy color 50.8231, 0.3184, 0.3145.



This preview shows how white text looks on a background with the Yxy color 50.8231, 0.3184, 0.3145.

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

50.8231, 0.3184, 0.3145

Protanopia

50.9908, 0.3068, 0.3166

Deuteranopia

50.6899, 0.3202, 0.3133



Tritanopia

50.9148, 0.3169, 0.3121

Trichromacy



Original Color

50.8231, 0.3184, 0.3145

Protanomaly

51.0412, 0.3108, 0.3167

Deuteranomaly

50.5490, 0.3194, 0.3133

Tritanomaly

50.8688, 0.3176, 0.3133

Monochromacy



Original Color

50.8231, 0.3184, 0.3145

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.4188, 0.3147, 0.3228

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.8231, 0.3184, 0.3145 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, 196)` looks like.

```
.text, #text, p{  
    color:rgb(202, 184, 196)  
}
```

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, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 184, 196) }
```

Border

The CSS property to change the border of an element to Yxy 50.8231, 0.3184, 0.3145 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, 196) }
```

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

```
.border{ border-color:rgb(202, 184, 196) }
```

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, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 184, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 184, 196);  
box-shadow:4px 4px 4px 4px rgb(202, 184,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 50.8231, 0.3184, 0.3145 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, 196) }
```

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

```
.background{ background-color: rgb(202,  
184, 196) }
```

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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