

Converting Colors

Yxy(51.0423, 0.3143, 0.3264)

Have a look what the booklet for
Yxy(51.0423, 0.3143, 0.3264)
contains.

Yxy(50.8906, 0.3145, 0.3265)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(50.8906, 0.3145, 0.3265)

Conversions

Conversions Part 1

Format	Color
Hex	C0BCBE
RGB	192, 188, 190
RGB Percent	75%, 74%, 75%
CMY	0.2470, 0.2628, 0.2549
CMYK	0.00, 0.02, 0.01, 0.25
HSL	330°, 3%, 75%
HSV	330°, 2%, 75%
XYZ	49.0202, 50.8906, 55.9563
YIQ	189.4240, 1.7420, 1.4700

Conversions

Conversions Part 2

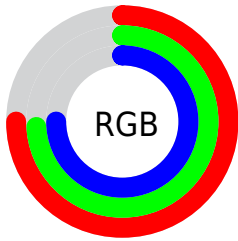
Format	Color
RYB	192, 188, 190
Decimal	12631230
CIELab	76.61, 1.78, -0.52
CIELCh	77, 1.856, 343.666
Yxy	50.8906, 0.3145, 0.3265
Android (android.graphics.Color)	4290821310 (0xFFC0BCBE)
YUV	189.4240, 0.2840, 2.2592
Hunter-Lab	71.3376, -2.1833, 3.4301

Details

The Yxy color **50.8906, 0.3145, 0.3265** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.1191, 0.3110, 0.3315**, and the grayscale version is **51.1448, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.3116, 0.3141, 0.3270**, and **24.6231, 0.3151, 0.3256** is the 20% darker color. If you saturate the color by 10%, you get **42.8199, 0.3240, 0.3141**, and if you desaturate by 10%, it is **60.0851, 0.3066, 0.3381**.

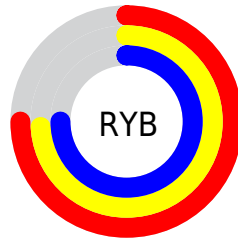
Distribution



Red (75%)

Green (74%)

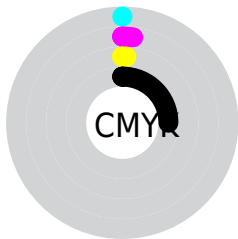
Blue (75%)



Red (75%)

Yellow (74%)

Blue (75%)

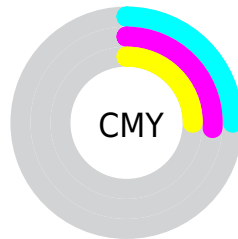


Cyan (0%)

Magenta (2%)

Yellow (1%)

Black (25%)



Cyan (25%)

Magenta (26%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.8906, 0.3145, 0.3265 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 50.8906, 0.3145, 0.3265 by changing the saturation by 10% instead.

■ 50.8906, 0.3145,
0.3265

■ 50.8906, 0.3145,
0.3265

390.1386, 0.3136,
0.3277

■ 36.1215, 0.3147,
0.3262

■ 91.4930, 0.3142,
0.3269

■ 24.5281, 0.3150,
0.3258

118.0952, 0.3141,
0.3271

■ 15.7258, 0.3153,
0.3253

149.4106, 0.3140,
0.3273

■ 9.3303, 0.3158,
0.3246

185.8235, 0.3139,
0.3274

■ 4.9573, 0.3166,
0.3236

227.7183, 0.3138,
0.3275

■ 2.2222, 0.3177,
0.3219

275.4795, 0.3137,

■ 0.7321, 0.3207,

0.3276

0.3176

329.4915, 0.3137,
0.3277

0.0000, 0.0000,
0.0000

50.8906, 0.3145,
0.3265

50.8906, 0.3145,
0.3265

42.8199, 0.3240,
0.3141

60.0851, 0.3066,
0.3381

35.8230, 0.3355,
0.3012

70.4378, 0.3001,
0.3488

29.8562, 0.3493,
0.2879

81.9896, 0.2947,
0.3587

24.8697, 0.3655,
0.2748

88.3601, 0.2898,
0.3577

20.8100, 0.3844,
0.2628

88.9116, 0.2848,
0.3470

■ 17.6184, 0.4057,
0.2527

■ 89.4933, 0.2799,
0.3366

■ 15.2290, 0.4292,
0.2458

■ 89.9496, 0.2763,
0.3289

■ 13.5669, 0.4537,
0.2433

■ 12.5423, 0.4783,
0.2460

Harmonies

Analogous

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



50.8906, 0.3120, 0.3251



50.8906, 0.3145, 0.3265



50.8906, 0.3166, 0.3286

Triad

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



50.8906, 0.3145, 0.3265



50.8906, 0.3158, 0.3334



50.8906, 0.3079, 0.3272

Complementary

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



50.8906, 0.3145, 0.3265



52.1191, 0.3110, 0.3315

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.



50.8906, 0.3089, 0.3294



50.8906, 0.3145, 0.3265



50.8906, 0.3135, 0.3330

Square

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



50.8906, 0.3145, 0.3265



50.8906, 0.3173, 0.3326



50.8906, 0.3109, 0.3316



50.8906, 0.3081, 0.3255

Rectangle

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



50.8906, 0.3145, 0.3265



50.8906, 0.3174, 0.3301



50.8906, 0.3109, 0.3316



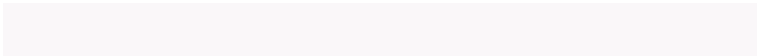
50.8906, 0.3081, 0.3279

Sweetspot

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



50.8928, 0.3145, 0.3265



93.8901, 0.3136, 0.3278



50.7207, 0.3113, 0.3240



20.1600, 0.3135, 0.3279



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.



50.8928, 0.3145, 0.3265



90.7124, 0.3153, 0.3254



50.8056, 0.3160, 0.3290



11.1942, 0.3160, 0.3245



8.1212, 0.4943, 0.2497



0.3648, 0.4455, 0.2228

Inverse Universe

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



50.8928, 0.3145, 0.3265



90.7124, 0.3153, 0.3254



52.2075, 0.3095, 0.3290



11.1942, 0.3160, 0.3245



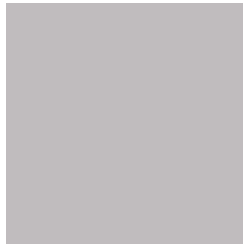
8.1212, 0.4943, 0.2497



0.3648, 0.4455, 0.2228

Previews

White Background



This preview shows how the Yxy color 50.8906, 0.3145, 0.3265 looks on a white background.

Color Contrast Check

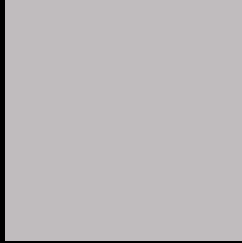
Large Text (above 18pt) WCAG AA × Fail

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 50.8906, 0.3145, 0.3265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

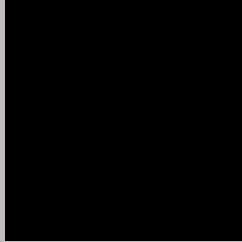
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

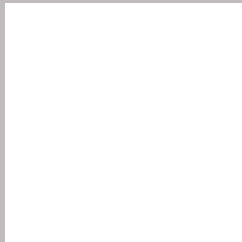
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.8906, 0.3145, 0.3265

Background



This preview shows how black text looks on a background with the Yxy color 50.8906, 0.3145, 0.3265.

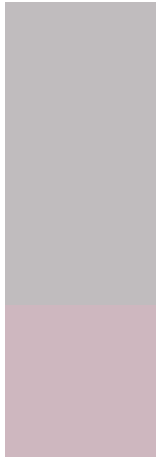


This preview shows how white text looks on a background with the Yxy color 50.8906, 0.3145, 0.3265.

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

50.8906, 0.3145, 0.3265

Protanopia

50.8906, 0.3145, 0.3265

Deuteranopia

50.7504, 0.3259, 0.3194



Tritanopia

50.8042, 0.3078, 0.3106

Trichromacy



Original Color

50.8906, 0.3145, 0.3265

Protanomaly

50.8906, 0.3145, 0.3265

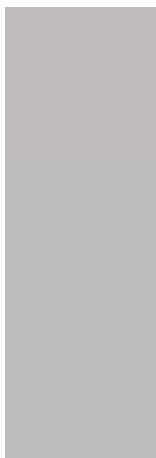
Deuteranomaly

50.8770, 0.3215, 0.3217

Tritanomaly

50.9093, 0.3100, 0.3167

Monochromacy



Original Color

50.8906, 0.3145, 0.3265

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.0165, 0.3135, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.8906, 0.3145, 0.3265 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(192, 188, 190)` looks like.

```
.text, #text, p{  
    color:rgb(192, 188, 190)  
}
```

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(192, 188, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 188, 190) }
```

Border

The CSS property to change the border of an element to Yxy 50.8906, 0.3145, 0.3265 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(192, 188, 190) }
```

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

```
.border{ border-color:rgb(192, 188, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 188, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 188, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 188, 190);  
box-shadow:4px 4px 4px 4px rgb(192, 188,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 50.8906, 0.3145, 0.3265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 188, 190) }
```

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

```
.background{ background-color: rgb(192,  
188, 190) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor