

Converting Colors

Yxy(52.4722, 0.3203, 0.3349)

Have a look what the booklet for
Yxy(52.4722, 0.3203, 0.3349)
contains.

| | |
|---|----|
| Yxy(52.5425, 0.3206, 0.3352) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(52.5425, 0.3206, 0.3352)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | C4BFBA |
| RGB | 196, 191, 186 |
| RGB Percent | 77%, 75%, 73% |
| CMY | 0.2315, 0.2509, 0.2705 |
| CMYK | 0.00, 0.03, 0.05, 0.23 |
| HSL | 30°, 8%, 75% |
| HSV | 30°, 5%, 77% |
| XYZ | 50.2540, 52.5425, 53.9532 |
| YIQ | 191.9250, 4.5850, -0.4950 |

Conversions

Conversions Part 2

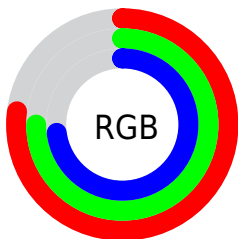
| Format | Color |
|-------------------------------------|--|
| RYB | 196, 196, 186 |
| Decimal | 12894138 |
| CIELab | 77.60, 0.84, 3.12 |
| CIELCh | 78, 3.234, 74.882 |
| Yxy | 52.5425, 0.3206, 0.3352 |
| Android (android.graphics.Color) | 4291084218 (0xFFC4BFBA) |
| YUV | 191.9250, -2.9210, 3.5738 |
| Hunter-Lab | 72.4862, -3.0986, 6.6094 |

Details

The Yxy color **52.5425, 0.3206, 0.3352** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.6740, 0.3050, 0.3227**, and the grayscale version is **52.6810, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.8150, 0.3196, 0.3339**, and **25.6212, 0.3223, 0.3374** is the 20% darker color. If you saturate the color by 10%, you get **47.6518, 0.3378, 0.3480**, and if you desaturate by 10%, it is **57.8357, 0.3056, 0.3232**.

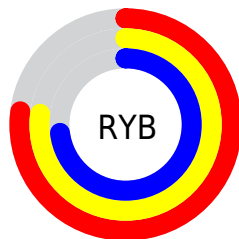
Distribution



Red (77%)

Green (75%)

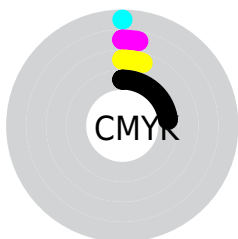
Blue (73%)



Red (77%)

Yellow (77%)

Blue (73%)

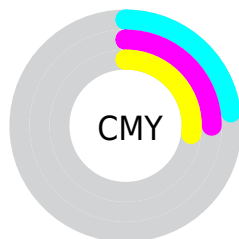


Cyan (0%)

Magenta (3%)

Yellow (5%)

Black (23%)



Cyan (23%)


Magenta (25%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.5425, 0.3206, 0.3352 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 52.5425, 0.3206, 0.3352 by changing the saturation by 10% instead.

 52.5425, 0.3206,
0.3352

 52.5425, 0.3206,
0.3352


396.5274, 0.3167,
0.3322

 37.4377, 0.3215,
0.3359


 93.9308, 0.3192,
0.3341

 25.5465, 0.3227,
0.3369


120.9831, 0.3187,
0.3337

 16.4847, 0.3243,
0.3381


152.7867, 0.3182,
0.3334

 9.8678, 0.3265,
0.3398

189.7259, 0.3179,
0.3331

 5.3114, 0.3297,
0.3422

232.1852, 0.3175,
0.3328

 2.4311, 0.3347,
0.3461

280.5489, 0.3172,

 0.8418, 0.3476,

0.3326

0.3566

335.2015, 0.3170,
0.3324

0.0000, 0.0000,
0.0000

52.5425, 0.3206,
0.3352

52.5425, 0.3206,
0.3352

47.6518, 0.3378,
0.3480

57.8357, 0.3056,
0.3232

43.1466, 0.3573,
0.3613

63.5342, 0.2925,
0.3121

39.0187, 0.3792,
0.3748

69.6497, 0.2811,
0.3018

35.2568, 0.4035,
0.3879

75.5706, 0.2762,
0.3020

31.8492, 0.4297,
0.3998

81.1562, 0.2771,
0.3127

■ 28.7833, 0.4569,
0.4094

■ 87.0507, 0.2779,
0.3232

■ 26.0455, 0.4840,
0.4153

■ 90.4720, 0.2784,
0.3289

■ 23.6206, 0.5092,
0.4165

■ 21.4915, 0.5309,
0.4122

Harmonies

Analogous

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



52.5425, 0.3212, 0.3322



52.5425, 0.3206, 0.3352



52.5425, 0.3179, 0.3365

Triad

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



52.5425, 0.3206, 0.3352



52.5425, 0.3060, 0.3296



52.5425, 0.3116, 0.3223

Complementary

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



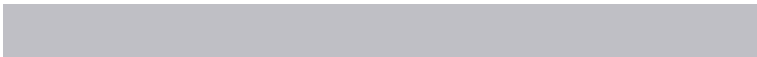
52.5425, 0.3206, 0.3352



51.6740, 0.3050, 0.3227

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.



52.5425, 0.3075, 0.3216



52.5425, 0.3206, 0.3352



52.5425, 0.3043, 0.3257

Square

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



52.5425, 0.3206, 0.3352



52.5425, 0.3095, 0.3333



52.5425, 0.3049, 0.3228



52.5425, 0.3159, 0.3248

Rectangle

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



52.5425, 0.3206, 0.3352



52.5425, 0.3153, 0.3363



52.5425, 0.3049, 0.3228



52.5425, 0.3101, 0.3219

Sweetspot

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



52.5448, 0.3206, 0.3352



98.0663, 0.3158, 0.3315



50.6161, 0.3172, 0.3229



21.0106, 0.3156, 0.3313



0.0000, 0.0000, 0.0000



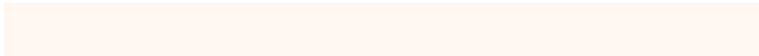
21.4041, 0.3127, 0.3290

Same Dimension

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



52.5448, 0.3206, 0.3352



94.2887, 0.3222, 0.3365



54.7450, 0.3201, 0.3413



11.1968, 0.3230, 0.3370



13.3748, 0.5386, 0.4106



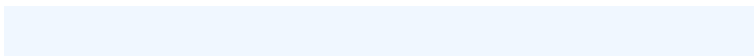
0.7157, 0.5051, 0.4372

Inverse Universe

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



51.6740, 0.3050, 0.3227



92.4092, 0.3035, 0.3214



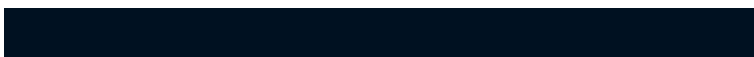
49.5476, 0.3051, 0.3164



10.9565, 0.3027, 0.3208



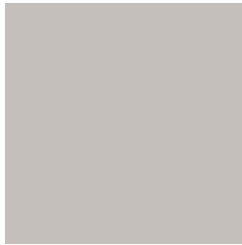
8.2971, 0.1775, 0.1588



0.4964, 0.1888, 0.1996

Previews

White Background



This preview shows how the Yxy color 52.5425, 0.3206, 0.3352 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 52.5425, 0.3206, 0.3352 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

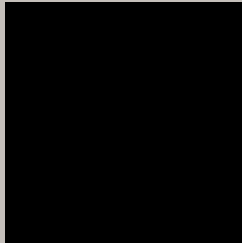
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

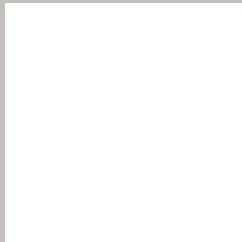
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.5425, 0.3206, 0.3352

Background



This preview shows how black text looks on a background with the Yxy color 52.5425, 0.3206, 0.3352.



This preview shows how white text looks on a background with the Yxy color 52.5425, 0.3206, 0.3352.

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

52.5425, 0.3206, 0.3352

Protanopia

52.5425, 0.3206, 0.3352

Deuteranopia

52.2828, 0.3341, 0.3267



Tritanopia

52.4204, 0.3103, 0.3109

Trichromacy



Original Color

52.5425, 0.3206, 0.3352

Protanomaly

52.5425, 0.3206, 0.3352

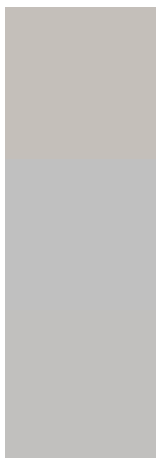
Deuteranomaly

52.2503, 0.3287, 0.3290

Tritanomaly

52.4322, 0.3140, 0.3193

Monochromacy



Original Color

52.5425, 0.3206, 0.3352

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.7544, 0.3150, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.5425, 0.3206, 0.3352 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(196, 191, 186)` looks like.

```
.text, #text, p{  
    color:rgb(196, 191, 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(196, 191, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 191, 186) }
```

Border

The CSS property to change the border of an element to Yxy 52.5425, 0.3206, 0.3352 is called "border". The border property can be set on classes, ids or directly on the HTML element.

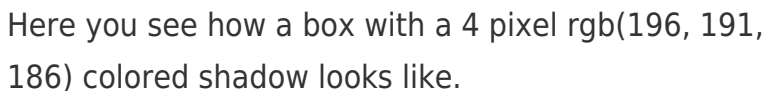
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 191, 186) }
```

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

```
.border{ border-color:rgb(196, 191, 186) }
```

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



Here you see how a box with a 4 pixel `rgb(196, 191, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 191, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 191, 186); box-shadow:4px 4px 4px 4px rgb(196, 191, 186) }
```


Background

The CSS property to change the background color of an element to Yxy 52.5425, 0.3206, 0.3352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 191, 186) }
```

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

```
.background{ background-color: rgb(196,  
191, 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](#).

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