

Converting Colors

$Y_{xy}(52.7792, 0.3235, 0.3350)$

Have a look what the booklet for
Yxy(52.7792, 0.3235, 0.3350)
contains.

Yxy(52.9489, 0.3231, 0.3352)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(52.9489, 0.3231, 0.3352)

Conversions

Conversions Part 1

Format	Color
Hex	C7BFBA
RGB	199, 191, 186
RGB Percent	78%, 75%, 73%
CMY	0.2198, 0.2509, 0.2706
CMYK	0.00, 0.04, 0.07, 0.22
HSL	23°, 10%, 75%
HSV	23°, 7%, 78%
XYZ	51.0376, 52.9489, 53.9757
YIQ	192.8220, 6.3730, 0.1410

Conversions

Conversions Part 2

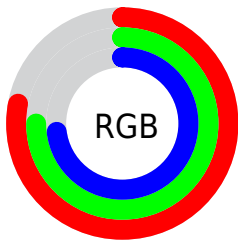
Format	Color
RYB	199, 194, 186
Decimal	13090746
CIELab	77.84, 1.90, 3.52
CIELCh	78, 3.994, 61.653
Yxy	52.9489, 0.3231, 0.3352
Android (android.graphics.Color)	4291280826 (0xFFC7BFBA)
YUV	192.8220, -3.3632, 5.4181
Hunter-Lab	72.7660, -2.1418, 6.9566

Details

The Yxy color **52.9489, 0.3231, 0.3352** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.1099, 0.3028, 0.3227**, and the grayscale version is **53.2336, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.1923, 0.3209, 0.3339**, and **25.8902, 0.3257, 0.3373** is the 20% darker color. If you saturate the color by 10%, you get **47.0700, 0.3412, 0.3452**, and if you desaturate by 10%, it is **59.3918, 0.3076, 0.3258**.

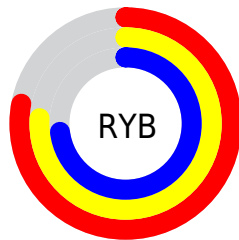
Distribution



Red (78%)

Green (75%)

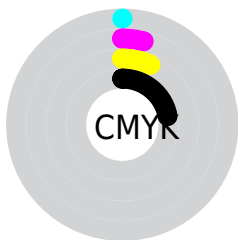
Blue (73%)



Red (78%)

Yellow (76%)

Blue (73%)

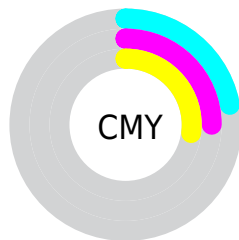


Cyan (0%)

Magenta (4%)

Yellow (7%)

Black (22%)



Cyan (22%)


Magenta (25%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.9489, 0.3231, 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 52.9489, 0.3231, 0.3352 by changing the saturation by 10% instead.


 52.9489, 0.3231,
0.3352

 52.9489, 0.3231,
0.3352

398.0890, 0.3180,
0.3322

 37.7620, 0.3243,
0.3359

 94.5292, 0.3213,
0.3341

 25.7980, 0.3259,
0.3369


121.6913, 0.3206,
0.3337

 16.6726, 0.3280,
0.3381


153.6140, 0.3200,
0.3334

 10.0013, 0.3309,
0.3397

190.6816, 0.3195,
0.3331

 5.3998, 0.3350,
0.3421

233.2785, 0.3190,
0.3328

 2.4837, 0.3417,
0.3458

281.7891, 0.3187,

 0.8685, 0.3574,

0.3326

0.3559

336.5978, 0.3183,
0.3324

0.0000, 0.0000,
0.0000

52.9489, 0.3231,
0.3352

52.9489, 0.3231,
0.3352

47.0700, 0.3412,
0.3452

59.3918, 0.3076,
0.3258

41.7328, 0.3623,
0.3557

66.4068, 0.2943,
0.3171

36.9232, 0.3865,
0.3663

74.0104, 0.2830,
0.3092

32.6242, 0.4141,
0.3765

81.5168, 0.2788,
0.3127

28.8175, 0.4445,
0.3854

88.9179, 0.2797,
0.3257

■ 25.4838, 0.4769,
0.3919

■ 90.8767, 0.2800,
0.3289

■ 22.6022, 0.5096,
0.3947

■ 20.1497, 0.5400,
0.3927

■ 18.1000, 0.5656,
0.3855

Harmonies

Analogous

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



52.9489, 0.3225, 0.3309



52.9489, 0.3231, 0.3352



52.9489, 0.3208, 0.3379

Triad

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



52.9489, 0.3231, 0.3352



52.9489, 0.3061, 0.3318



52.9489, 0.3090, 0.3201

Complementary

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



52.9489, 0.3231, 0.3352



53.1099, 0.3028, 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.



52.9489, 0.3046, 0.3202



52.9489, 0.3231, 0.3352



52.9489, 0.3030, 0.3270

Square

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



52.9489, 0.3231, 0.3352



52.9489, 0.3110, 0.3359



52.9489, 0.3025, 0.3227



52.9489, 0.3144, 0.3223

Rectangle

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



52.9489, 0.3231, 0.3352



52.9489, 0.3181, 0.3383



52.9489, 0.3025, 0.3227



52.9489, 0.3073, 0.3199

Sweetspot

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



52.9512, 0.3231, 0.3352



97.7004, 0.3158, 0.3309



51.1428, 0.3173, 0.3192



20.9361, 0.3157, 0.3308



0.0000, 0.0000, 0.0000



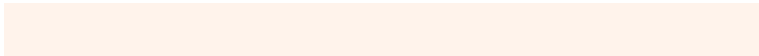
21.4041, 0.3127, 0.3290

Same Dimension

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



52.9512, 0.3231, 0.3352



91.0460, 0.3258, 0.3368



55.8169, 0.3224, 0.3430



11.3005, 0.3280, 0.3380



11.3977, 0.5714, 0.3845



0.6798, 0.5327, 0.4152

Inverse Universe

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



53.1099, 0.3028, 0.3227



91.3881, 0.3003, 0.3211



50.3118, 0.3028, 0.3146



11.3498, 0.2984, 0.3198



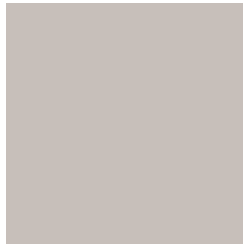
11.7438, 0.1883, 0.1979



0.6936, 0.1967, 0.2282

Previews

White Background



This preview shows how the Yxy color 52.9489, 0.3231, 0.3352 looks on a white background.

Color Contrast Check

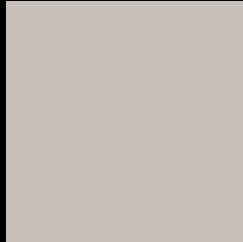
Large Text (above 18pt) WCAG AA × Fail

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 52.9489, 0.3231, 0.3352 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

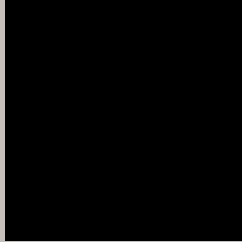
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

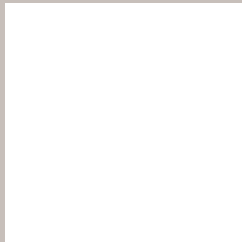
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.9489, 0.3231, 0.3352

Background



This preview shows how black text looks on a background with the Yxy color 52.9489, 0.3231, 0.3352.



This preview shows how white text looks on a background with the Yxy color 52.9489, 0.3231, 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

52.9489, 0.3231, 0.3352

Protanopia

53.1148, 0.3214, 0.3364

Deuteranopia

52.8518, 0.3348, 0.3279



Tritanopia

52.6957, 0.3119, 0.3110

Trichromacy



Original Color

52.9489, 0.3231, 0.3352

Protanomaly

53.2502, 0.3222, 0.3364

Deuteranomaly

52.9642, 0.3303, 0.3303

Tritanomaly

52.7058, 0.3156, 0.3193

Monochromacy



Original Color

52.9489, 0.3231, 0.3352

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.0191, 0.3167, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.9489, 0.3231, 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(199, 191, 186)` looks like.

```
.text, #text, p{  
    color:rgb(199, 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(199, 191, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 191, 186) }
```

Border

The CSS property to change the border of an element to Yxy 52.9489, 0.3231, 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(199, 191, 186) }
```

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

```
.border{ border-color:rgb(199, 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(199, 191, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 191, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 191, 186);  
box-shadow:4px 4px 4px 4px rgb(199, 191,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 52.9489, 0.3231, 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(199, 191, 186) }
```

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

```
.background{ background-color: rgb(199,  
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