

Converting Colors

$Yxy(52.7043, 0.3451, 0.3362)$

Have a look what the booklet for
Yxy(52.7043, 0.3451, 0.3362)
contains.

Yxy(52.7043, 0.3451, 0.3362)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(52.7043, 0.3451, 0.3362)

Conversions

Conversions Part 1

Format	Color
Hex	D9B9B3
RGB	217, 185, 179
RGB Percent	85%, 73%, 70%
CMY	0.1490, 0.2745, 0.2981
CMYK	0.00, 0.15, 0.18, 0.15
HSL	10°, 33%, 78%
HSV	10°, 18%, 85%
XYZ	54.0995, 52.7043, 49.9609
YIQ	193.8840, 20.9980, 4.9180

Conversions

Conversions Part 2

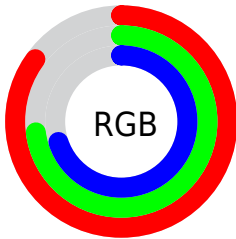
Format	Color
R _Y B	217, 186, 179
Decimal	14268851
CIE Lab	77.70, 10.49, 7.29
CIE LCh	78, 12.776, 34.803
Yxy	52.7043, 0.3451, 0.3362
Android (android.graphics.Color)	4292458931 (0xFFD9B9B3)
YUV	193.8840, -7.3378, 20.2727
Hunter-Lab	72.5977, 5.9714, 10.0157

Details

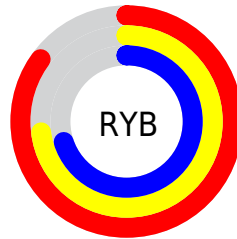
The Yxy color **52.7043, 0.3451, 0.3362** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **61.1696, 0.2861, 0.3217**, and the grayscale version is **53.9122, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.1688, 0.3257, 0.3349**, and **25.6903, 0.3547, 0.3385** is the 20% darker color. If you saturate the color by 10%, you get **44.7397, 0.3692, 0.3406**, and if you desaturate by 10%, it is **61.7933, 0.3253, 0.3320**.

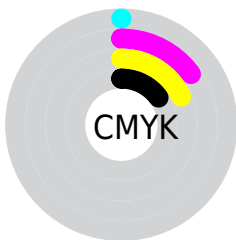
Distribution



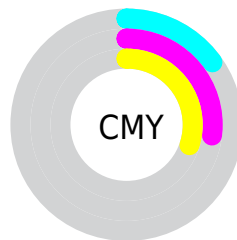
- Red (85%)
- Green (73%)
- Blue (70%)



- Red (85%)
- Yellow (73%)
- Blue (70%)



- Cyan (0%)
- Magenta (15%)
- Yellow (18%)
- Black (15%)





- Cyan (15%)
- Magenta (27%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.7043, 0.3451, 0.3362 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 52.7043, 0.3451, 0.3362 by changing the saturation by 10% instead.


 52.7043, 0.3451,
0.3362

 52.7043, 0.3451,
0.3362


397.1496, 0.3291,
0.3329

 37.5668, 0.3490,
0.3370


 94.1691, 0.3393,
0.3351

 25.6466, 0.3540,
0.3379


121.2652, 0.3372,
0.3346

 16.5595, 0.3606,
0.3390


153.1162, 0.3353,
0.3342

 9.9209, 0.3697,
0.3405

190.1066, 0.3337,
0.3339

 5.3465, 0.3829,
0.3424

232.6207, 0.3324,
0.3336

 2.4520, 0.4040,
0.3449

281.0430, 0.3312,

 0.8524, 0.4610,

0.3333

335.7578, 0.3301,
0.3331

0.3616

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.7043, 0.3451,
0.3362

52.7043, 0.3451,
0.3362

44.7397, 0.3692,
0.3406

61.7933, 0.3253,
0.3320

37.8488, 0.3984,
0.3451

72.0408, 0.3090,
0.3281

31.9876, 0.4329,
0.3492

83.4881, 0.2956,
0.3245

27.1064, 0.4724,
0.3523

93.4917, 0.2900,
0.3289

■ 23.1511, 0.5152,
0.3538

■ 20.0625, 0.5577,
0.3529

■ 17.7742, 0.5946,
0.3489

■ 16.2084, 0.6207,
0.3426

■ 15.9173, 0.6259,
0.3412

Harmonies

Analogous

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



52.7043, 0.3354, 0.3215



52.7043, 0.3451, 0.3362



52.7043, 0.3458, 0.3496

Triad

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



52.7043, 0.3451, 0.3362



52.7043, 0.3053, 0.3504



52.7043, 0.2881, 0.3007

Complementary

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



52.7043, 0.3451, 0.3362



61.1696, 0.2861, 0.3217

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.



52.7043, 0.2806, 0.3075



52.7043, 0.3451, 0.3362



52.7043, 0.2903, 0.3362

Square

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



52.7043, 0.3451, 0.3362



52.7043, 0.3225, 0.3584



52.7043, 0.2814, 0.3204



52.7043, 0.3023, 0.3014

Rectangle

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



52.7043, 0.3451, 0.3362



52.7043, 0.3412, 0.3559



52.7043, 0.2814, 0.3204



52.7043, 0.2848, 0.3022

Sweetspot

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



52.7067, 0.3451, 0.3362



92.5496, 0.3209, 0.3310



51.7042, 0.3193, 0.2920



19.5927, 0.3221, 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.



52.7067, 0.3451, 0.3362



71.5581, 0.3534, 0.3378



61.0467, 0.3414, 0.3577



13.3829, 0.3288, 0.3328



9.7354, 0.6240, 0.3427



0.7364, 0.5957, 0.3652

Inverse Universe

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



61.1696, 0.2861, 0.3217



85.9268, 0.2807, 0.3200



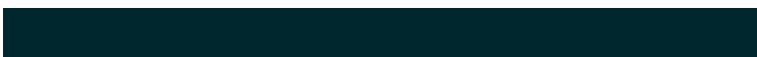
52.4187, 0.2849, 0.2986



14.4599, 0.2982, 0.3252



23.5697, 0.2106, 0.2781



1.6233, 0.2131, 0.2872

Previews

White Background



This preview shows how the Yxy color 52.7043, 0.3451, 0.3362 looks on a white background.

Color Contrast Check

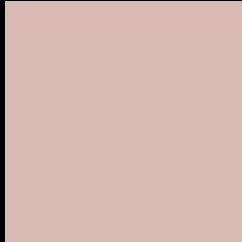
Large Text (above 18pt) WCAG AA × Fail

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 52.7043, 0.3451, 0.3362 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

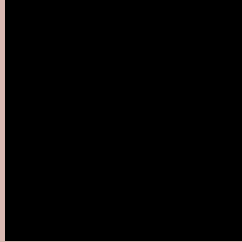
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.7043, 0.3451, 0.3362

Background



This preview shows how black text looks on a background with the Yxy color 52.7043, 0.3451, 0.3362.



This preview shows how white text looks on a background with the Yxy color 52.7043, 0.3451, 0.3362.

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

52.7043, 0.3451, 0.3362

Protanopia

52.6448, 0.3254, 0.3401

Deuteranopia

52.9714, 0.3440, 0.3374



Tritanopia

52.5472, 0.3323, 0.3117

Trichromacy



Original Color

52.7043, 0.3451, 0.3362

Protanomaly

52.7105, 0.3324, 0.3388

Deuteranomaly

52.9714, 0.3440, 0.3374

Tritanomaly

52.4901, 0.3371, 0.3209

Monochromacy



Original Color

52.7043, 0.3451, 0.3362

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.4923, 0.3233, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.7043, 0.3451, 0.3362 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(217, 185, 179)` looks like.

```
.text, #text, p{  
    color:rgb(217, 185, 179)  
}
```

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(217, 185, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 185, 179) }
```

Border

The CSS property to change the border of an element to Yxy 52.7043, 0.3451, 0.3362 is called "border". The border property can be set on classes, ids or directly on the HTML element.

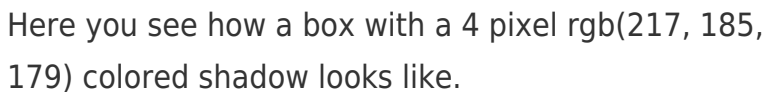
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(217, 185, 179) }
```

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

```
.border{ border-color:rgb(217, 185, 179) }
```

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



Here you see how a box with a 4 pixel `rgb(217, 185, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 185, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 185, 179);  
box-shadow:4px 4px 4px 4px rgb(217, 185,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 52.7043, 0.3451, 0.3362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 185, 179) }
```

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

```
.background{ background-color: rgb(217,  
185, 179) }
```

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