

Converting Colors

Yxy(52.4858, 0.3385, 0.3173)

Have a look what the booklet for
Yxy(52.4858, 0.3385, 0.3173)
contains.

Yxy(52.6338, 0.3382, 0.3175)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(52.6338, 0.3382, 0.3175)

Conversions

Conversions Part 1

Format	Color
Hex	DDB6C0
RGB	221, 182, 192
RGB Percent	87%, 71%, 75%
CMY	0.1333, 0.2863, 0.2470
CMYK	0.00, 0.18, 0.13, 0.13
HSL	345°, 36%, 79%
HSV	345°, 18%, 87%
XYZ	56.0654, 52.6338, 57.0766
YIQ	194.8010, 20.0340, 11.3780

Conversions

Conversions Part 2

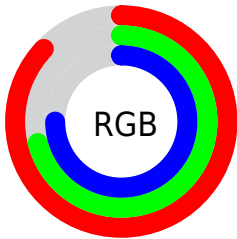
Format	Color
RYB	221, 182, 192
Decimal	14530240
CIELab	77.66, 15.63, 0.22
CIELCh	78, 15.631, 0.802
Yxy	52.6338, 0.3382, 0.3175
Android (android.graphics.Color)	4292720320 (0xFFDDB6C0)
YUV	194.8010, -1.3809, 22.9765
Hunter-Lab	72.5492, 10.9822, 4.1392

Details

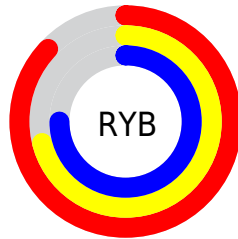
The Yxy color **52.6338, 0.3382, 0.3175** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.3706, 0.2923, 0.3408**, and the grayscale version is **54.4503, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.1864, 0.3178, 0.3193**, and **25.6716, 0.3452, 0.3138** is the 20% darker color. If you saturate the color by 10%, you get **43.5984, 0.3574, 0.3105**, and if you desaturate by 10%, it is **63.1839, 0.3226, 0.3242**.

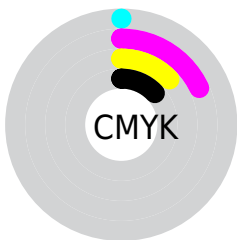
Distribution



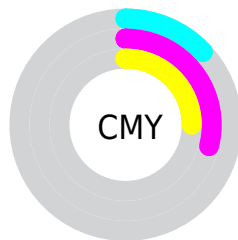
- Red (87%)
- Green (71%)
- Blue (75%)



- Red (87%)
- Yellow (71%)
- Blue (75%)



- Cyan (0%)
- Magenta (18%)
- Yellow (13%)
- Black (13%)




- Cyan (13%)
- Magenta (29%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.6338, 0.3382, 0.3175 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 52.6338, 0.3382, 0.3175 by changing the saturation by 10% instead.


 52.6338, 0.3382,
0.3175

 52.6338, 0.3382,
0.3175


396.8786, 0.3257,
0.3232

 37.5105, 0.3412,
0.3161


 94.0653, 0.3337,
0.3195

 25.6030, 0.3451,
0.3144


121.1423, 0.3320,
0.3203

 16.5269, 0.3502,
0.3120


152.9726, 0.3306,
0.3210

 9.8978, 0.3572,
0.3089

189.9407, 0.3293,
0.3215

 5.3312, 0.3674,
0.3042

232.4310, 0.3282,
0.3220

 2.4429, 0.3835,
0.2969

280.8278, 0.3273,

 0.8478, 0.4133,

0.3224

0.2833

335.5155, 0.3265,
0.3228

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.6338, 0.3382,
0.3175

52.6338, 0.3382,
0.3175

43.5984, 0.3574,
0.3105

63.1839, 0.3226,
0.3242

36.0011, 0.3808,
0.3036

75.3067, 0.3100,
0.3304

29.7694, 0.4089,
0.2971

89.0656, 0.2997,
0.3362

24.8213, 0.4419,
0.2919

94.1149, 0.2923,
0.3289

■ 21.0663, 0.4788,
0.2889

■ 18.4017, 0.5178,
0.2893

■ 16.7074, 0.5552,
0.2939

■ 15.8195, 0.5870,
0.3024

■ 15.6672, 0.5937,
0.3044

Harmonies

Analogous

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



52.6338, 0.3182, 0.3030



52.6338, 0.3382, 0.3175



52.6338, 0.3515, 0.3352

Triad

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



52.6338, 0.3382, 0.3175



52.6338, 0.3273, 0.3657



52.6338, 0.2731, 0.3043

Complementary

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



52.6338, 0.3382, 0.3175



66.3706, 0.2923, 0.3408

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.



52.6338, 0.2754, 0.3208



52.6338, 0.3382, 0.3175



52.6338, 0.3063, 0.3573

Square

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



52.6338, 0.3382, 0.3175



52.6338, 0.3449, 0.3635



52.6338, 0.2874, 0.3404



52.6338, 0.2809, 0.2951

Rectangle

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



52.6338, 0.3382, 0.3175



52.6338, 0.3544, 0.3468



52.6338, 0.2874, 0.3404



52.6338, 0.2728, 0.3091

Sweetspot

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



52.6362, 0.3382, 0.3175



91.5376, 0.3191, 0.3259



52.4683, 0.3063, 0.2843



19.3479, 0.3200, 0.3254



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.



52.6362, 0.3382, 0.3175



68.1592, 0.3445, 0.3151



56.0587, 0.3449, 0.3396



13.1061, 0.3252, 0.3230



9.1154, 0.5898, 0.3023



0.6045, 0.5430, 0.2765

Inverse Universe

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



52.6362, 0.3382, 0.3175



68.1592, 0.3445, 0.3151



62.2097, 0.2857, 0.3181



13.1061, 0.3252, 0.3230



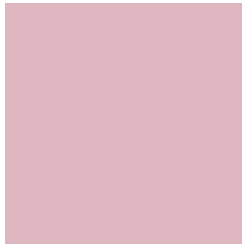
9.1154, 0.5898, 0.3023



0.6045, 0.5430, 0.2765

Previews

White Background



This preview shows how the Yxy color 52.6338, 0.3382, 0.3175 looks on a white background.

Color Contrast Check

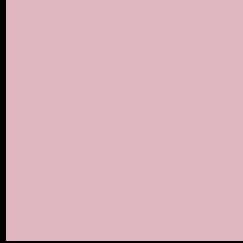
Large Text (above 18pt) WCAG AA × Fail

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 52.6338, 0.3382, 0.3175 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 52.6338, 0.3382, 0.3175

Background



This preview shows how black text looks on a background with the Yxy color 52.6338, 0.3382, 0.3175.



This preview shows how white text looks on a background with the Yxy color 52.6338, 0.3382, 0.3175.

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

52.6338, 0.3382, 0.3175

Protanopia

52.7622, 0.3106, 0.3216

Deuteranopia

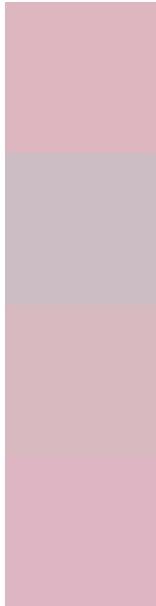
52.7283, 0.3298, 0.3231



Tritanopia

52.4054, 0.3350, 0.3118

Trichromacy



Original Color

52.6338, 0.3382, 0.3175

Protanomaly

52.7439, 0.3206, 0.3206

Deuteranomaly

52.9066, 0.3334, 0.3220

Tritanomaly

52.3600, 0.3358, 0.3129

Monochromacy



Original Color

52.6338, 0.3382, 0.3175

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

53.5593, 0.3212, 0.3242

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.6338, 0.3382, 0.3175 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(221, 182, 192)` looks like.

```
.text, #text, p{  
    color:rgb(221, 182, 192)  
}
```

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(221, 182, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 182, 192) }
```

Border

The CSS property to change the border of an element to Yxy 52.6338, 0.3382, 0.3175 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(221, 182, 192) }
```

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

```
.border{ border-color:rgb(221, 182, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 182, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 182, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 182, 192);  
box-shadow:4px 4px 4px 4px rgb(221, 182,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 52.6338, 0.3382, 0.3175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 182, 192) }
```

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

```
.background{ background-color: rgb(221,  
182, 192) }
```

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