

Converting Colors

$Y_{xy}(52.8483, 0.3239, 0.2980)$

Have a look what the booklet for
Yxy(52.8483, 0.3239, 0.2980)
contains.

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Color

Yxy(52.8175, 0.3243, 0.2983)

Conversions

Conversions Part 1

Format	Color
Hex	DCB5D0
RGB	220, 181, 208
RGB Percent	86%, 71%, 82%
CMY	0.1373, 0.2902, 0.1844
CMYK	0.00, 0.18, 0.05, 0.14
HSL	319°, 36%, 79%
HSV	319°, 18%, 86%
XYZ	57.4211, 52.8175, 66.8231
YIQ	195.7390, 14.5770, 16.6650

Conversions

Conversions Part 2

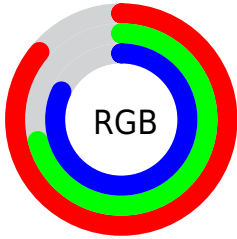
Format	Color
R _Y B	220, 181, 208
Decimal	14464464
CIE Lab	77.77, 18.51, -8.29
CIE LCh	78, 20.287, 335.867
Yxy	52.8175, 0.3243, 0.2983
Android (android.graphics.Color)	4292654544 (0xFFDCB5D0)
YUV	195.7390, 6.0447, 21.2769
Hunter-Lab	72.6756, 13.8506, -3.6424

Details

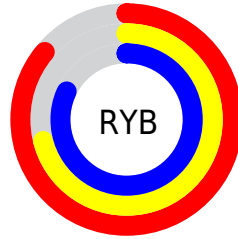
The Yxy color **52.8175, 0.3243, 0.2983** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **64.8636, 0.3028, 0.3618**, and the grayscale version is **54.9947, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.0484, 0.3135, 0.3117**, and **25.7708, 0.3272, 0.2900** is the 20% darker color. If you saturate the color by 10%, you get **44.2408, 0.3324, 0.2802**, and if you desaturate by 10%, it is **62.8258, 0.3173, 0.3159**.

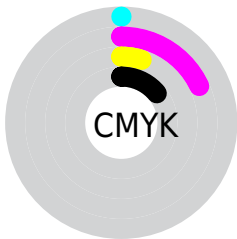
Distribution



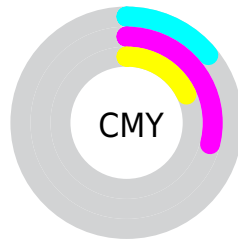
- Red (86%)
- Green (71%)
- Blue (82%)



- Red (86%)
- Yellow (71%)
- Blue (82%)



- Cyan (0%)
- Magenta (18%)
- Yellow (5%)
- Black (14%)





- Cyan (14%)
- Magenta (29%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.8175, 0.3243, 0.2983 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 52.8175, 0.3243, 0.2983 by changing the saturation by 10% instead.


 52.8175, 0.3243,
0.2983

 52.8175, 0.3243,
0.2983


397.5845, 0.3188,
0.3130

 37.6571, 0.3256,
0.2948


 94.3358, 0.3224,
0.3035

 25.7167, 0.3272,
0.2905


121.4624, 0.3216,
0.3055

 16.6118, 0.3293,
0.2849


153.3466, 0.3210,
0.3072

 9.9581, 0.3320,
0.2774

190.3728, 0.3204,
0.3086

 5.3712, 0.3359,
0.2668

232.9252, 0.3200,
0.3099

 2.4667, 0.3416,
0.2509

281.3884, 0.3195,

 0.8599, 0.3510,

0.3111

0.2243

336.1467, 0.3191,
0.3121

0.0000, 0.4112,
0.0000

0.0000, 0.0000,
0.0000

52.8175, 0.3243,
0.2983

52.8175, 0.3243,
0.2983

44.2408, 0.3324,
0.2802

62.8258, 0.3173,
0.3159

37.0224, 0.3418,
0.2623

74.3208, 0.3115,
0.3327

31.0932, 0.3524,
0.2453

87.3630, 0.3065,
0.3485

26.3748, 0.3642,
0.2301

92.7409, 0.3025,
0.3495

■ 22.7806, 0.3769,
0.2178

■ 93.1411, 0.2988,
0.3424

■ 20.2122, 0.3901,
0.2096

■ 93.5564, 0.2951,
0.3354

■ 18.5541, 0.4033,
0.2062

■ 93.9557, 0.2917,
0.3289

■ 17.6465, 0.4162,
0.2076

■ 17.4868, 0.4192,
0.2083

Harmonies

Analogous

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



52.8175, 0.2968, 0.2863



52.8175, 0.3243, 0.2983



52.8175, 0.3495, 0.3177

Triad

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



52.8175, 0.3243, 0.2983



52.8175, 0.3511, 0.3751



52.8175, 0.2634, 0.3139

Complementary

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



52.8175, 0.3243, 0.2983



64.8636, 0.3028, 0.3618

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.



52.8175, 0.2766, 0.3394



52.8175, 0.3243, 0.2983



52.8175, 0.3269, 0.3762

Square

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



52.8175, 0.3243, 0.2983



52.8175, 0.3652, 0.3615



52.8175, 0.2997, 0.3629



52.8175, 0.2626, 0.2941

Rectangle

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



52.8175, 0.3243, 0.2983



52.8175, 0.3611, 0.3328



52.8175, 0.2997, 0.3629



52.8175, 0.2665, 0.3221

Sweetspot

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



52.8198, 0.3243, 0.2983



91.8824, 0.3157, 0.3205



49.5177, 0.2928, 0.2822



19.4316, 0.3161, 0.3193



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.



52.8198, 0.3243, 0.2983



69.4446, 0.3270, 0.2921



51.9330, 0.3402, 0.3200



13.2029, 0.3185, 0.3130



10.2836, 0.4173, 0.2072



0.6814, 0.3978, 0.1965

Inverse Universe

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



52.8198, 0.3243, 0.2983



69.4446, 0.3270, 0.2921



65.7753, 0.2908, 0.3382



13.2029, 0.3185, 0.3130



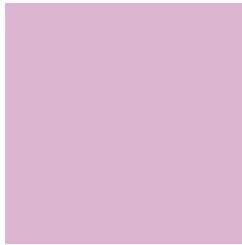
10.2836, 0.4173, 0.2072



0.6814, 0.3978, 0.1965

Previews

White Background



This preview shows how the Yxy color 52.8175, 0.3243, 0.2983 looks on a white background.

Color Contrast Check

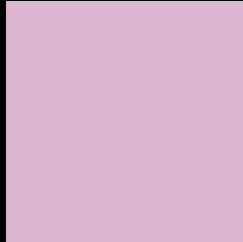
Large Text (above 18pt) WCAG AA × Fail

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 52.8175, 0.3243, 0.2983 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

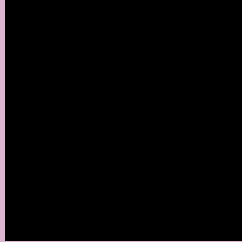
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.8175, 0.3243, 0.2983

Background



This preview shows how black text looks on a background with the Yxy color 52.8175, 0.3243, 0.2983.



This preview shows how white text looks on a background with the Yxy color 52.8175, 0.3243, 0.2983.

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

52.8175, 0.3243, 0.2983

Protanopia

52.9355, 0.2944, 0.3011

Deuteranopia

53.0248, 0.3122, 0.3054



Tritanopia

52.9583, 0.3322, 0.3129

Trichromacy



Original Color

52.8175, 0.3243, 0.2983

Protanomaly

52.5735, 0.3044, 0.2993

Deuteranomaly

52.9046, 0.3164, 0.3033

Tritanomaly

52.7330, 0.3290, 0.3072

Monochromacy



Original Color

52.8175, 0.3243, 0.2983

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.4109, 0.3173, 0.3183

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.8175, 0.3243, 0.2983 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(220, 181, 208)` looks like.

```
.text, #text, p{  
    color:rgb(220, 181, 208)  
}
```

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(220, 181, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 181, 208) }
```

Border

The CSS property to change the border of an element to Yxy 52.8175, 0.3243, 0.2983 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(220, 181, 208) }
```

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

```
.border{ border-color:rgb(220, 181, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 181, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 181, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 181, 208);  
box-shadow:4px 4px 4px 4px rgb(220, 181,  
208) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 52.8175, 0.3243, 0.2983$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 181, 208) }
```

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

```
.background{ background-color: rgb(220,  
181, 208) }
```

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](#).

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