

Converting Colors

Yxy(52.3468, 0.3323, 0.3128)

Have a look what the booklet for
Yxy(52.3468, 0.3323, 0.3128)
contains.

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Color

Yxy(52.3468, 0.3323, 0.3128)

Conversions

Conversions Part 1

Format	Color
Hex	DAB6C4
RGB	218, 182, 196
RGB Percent	85%, 71%, 77%
CMY	0.1450, 0.2863, 0.2314
CMYK	0.00, 0.17, 0.10, 0.14
HSL	337°, 33%, 78%
HSV	337°, 17%, 86%
XYZ	55.6101, 52.3468, 59.3922
YIQ	194.3600, 16.9620, 11.9860

Conversions

Conversions Part 2

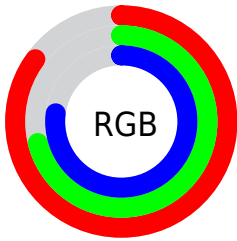
Format	Color
R _Y B	218, 182, 196
Decimal	14333636
CIE Lab	77.49, 15.23, -2.23
CIE LCh	77, 15.389, 351.679
Yxy	52.3468, 0.3323, 0.3128
Android (android.graphics.Color)	4292523716 (0xFFDAB6C4)
YUV	194.3600, 0.8085, 20.7323
Hunter-Lab	72.3511, 10.5833, 1.9753

Details

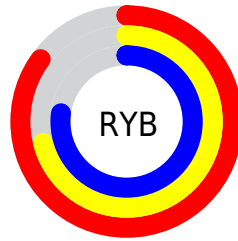
The Yxy color **52.3468, 0.3323, 0.3128** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **64.4625, 0.2965, 0.3458**, and the grayscale version is **54.1629, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.5009, 0.3147, 0.3146**, and **25.4400, 0.3382, 0.3091** is the 20% darker color. If you saturate the color by 10%, you get **43.5231, 0.3476, 0.3024**, and if you desaturate by 10%, it is **62.6194, 0.3197, 0.3228**.

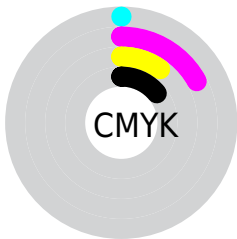
Distribution



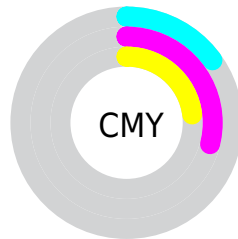
- Red (85%)
- Green (71%)
- Blue (77%)



- Red (85%)
- Yellow (71%)
- Blue (77%)



- Cyan (0%)
- Magenta (17%)
- Yellow (10%)
- Black (14%)





- Cyan (15%)
- Magenta (29%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.3468, 0.3323, 0.3128 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 52.3468, 0.3323, 0.3128 by changing the saturation by 10% instead.


 52.3468, 0.3323,
0.3128

 52.3468, 0.3323,
0.3128


395.7740, 0.3227,
0.3207

 37.2816, 0.3346,
0.3109


 93.6425, 0.3289,
0.3156

 25.4256, 0.3376,
0.3085


120.6418, 0.3276,
0.3167

 16.3944, 0.3414,
0.3054

152.3878, 0.3265,
0.3176

 9.8037, 0.3467,
0.3011

189.2651, 0.3255,
0.3184

 5.2690, 0.3544,
0.2950

231.6579, 0.3247,
0.3191

 2.4059, 0.3665,
0.2854

279.9508, 0.3240,

 0.8289, 0.3886,

0.3197

0.2681

334.5280, 0.3233,
0.3202

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.3468, 0.3323,
0.3128

52.3468, 0.3323,
0.3128

43.5231, 0.3476,
0.3024

62.6194, 0.3197,
0.3228

36.0757, 0.3661,
0.2919

74.3953, 0.3094,
0.3322

29.9364, 0.3882,
0.2818

87.7344, 0.3009,
0.3409

25.0282, 0.4139,
0.2731

93.2895, 0.2936,
0.3347

■ 21.2660, 0.4429,
0.2669

■ 93.6496, 0.2906,
0.3289

■ 18.5538, 0.4741,
0.2644

■ 16.7793, 0.5057,
0.2668

■ 15.8007, 0.5354,
0.2745

■ 15.5606, 0.5452,
0.2777

Harmonies

Analogous

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



52.3468, 0.3116, 0.3001



52.3468, 0.3323, 0.3128



52.3468, 0.3479, 0.3297

Triad

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



52.3468, 0.3323, 0.3128



52.3468, 0.3330, 0.3657



52.3468, 0.2733, 0.3089

Complementary

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



52.3468, 0.3323, 0.3128



64.4625, 0.2965, 0.3458

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.



52.3468, 0.2786, 0.3267



52.3468, 0.3323, 0.3128



52.3468, 0.3127, 0.3605

Square

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



52.3468, 0.3323, 0.3128



52.3468, 0.3482, 0.3604



52.3468, 0.2929, 0.3459



52.3468, 0.2780, 0.2974

Rectangle

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



52.3468, 0.3323, 0.3128



52.3468, 0.3531, 0.3415



52.3468, 0.2929, 0.3459



52.3468, 0.2739, 0.3144

Sweetspot

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



52.3491, 0.3323, 0.3128



91.6411, 0.3180, 0.3242



51.3007, 0.3029, 0.2868



19.3730, 0.3188, 0.3236



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.



52.3491, 0.3323, 0.3128



69.8173, 0.3376, 0.3090



53.2361, 0.3434, 0.3333



13.1349, 0.3231, 0.3200



9.3395, 0.5414, 0.2756



0.6216, 0.4976, 0.2515

Inverse Universe

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



52.3491, 0.3323, 0.3128



69.8173, 0.3376, 0.3090



63.3159, 0.2877, 0.3246



13.1349, 0.3231, 0.3200



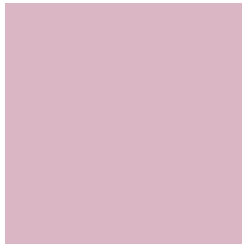
9.3395, 0.5414, 0.2756



0.6216, 0.4976, 0.2515

Previews

White Background



This preview shows how the Yxy color 52.3468, 0.3323, 0.3128 looks on a white background.

Color Contrast Check

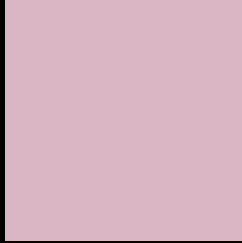
Large Text (above 18pt) WCAG AA × Fail

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 52.3468, 0.3323, 0.3128 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

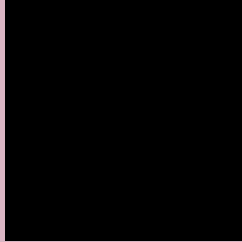
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.3468, 0.3323, 0.3128

Background



This preview shows how black text looks on a background with the Yxy color 52.3468, 0.3323, 0.3128.



This preview shows how white text looks on a background with the Yxy color 52.3468, 0.3323, 0.3128.

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

52.3468, 0.3323, 0.3128

Protanopia

52.6851, 0.3061, 0.3167

Deuteranopia

52.4678, 0.3241, 0.3183



Tritanopia

52.3468, 0.3323, 0.3128

Trichromacy



Original Color

52.3468, 0.3323, 0.3128

Protanomaly

52.5075, 0.3150, 0.3158

Deuteranomaly

52.6351, 0.3276, 0.3172

Tritanomaly

52.3468, 0.3323, 0.3128

Monochromacy



Original Color

52.3468, 0.3323, 0.3128

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.4636, 0.3196, 0.3230

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.3468, 0.3323, 0.3128 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(218, 182, 196)` looks like.

```
.text, #text, p{  
    color:rgb(218, 182, 196)  
}
```

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(218, 182, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 182, 196) }
```

Border

The CSS property to change the border of an element to Yxy 52.3468, 0.3323, 0.3128 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(218, 182, 196) }
```

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

```
.border{ border-color:rgb(218, 182, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 182, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 182, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 182, 196);  
box-shadow:4px 4px 4px 4px rgb(218, 182,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 52.3468, 0.3323, 0.3128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 182, 196) }
```

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

```
.background{ background-color: rgb(218,  
182, 196) }
```

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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