

Converting Colors

$Yxy(52.2782, 0.3438, 0.3306)$

Have a look what the booklet for
Yxy(52.2782, 0.3438, 0.3306)
contains.

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Color

Yxy(52.1498, 0.3438, 0.3303)

Conversions

Conversions Part 1

Format	Color
Hex	DAB7B6
RGB	218, 183, 182
RGB Percent	85%, 72%, 71%
CMY	0.1452, 0.2823, 0.2863
CMYK	0.00, 0.16, 0.17, 0.15
HSL	2°, 33%, 78%
HSV	2°, 17%, 85%
XYZ	54.2813, 52.1498, 51.4551
YIQ	193.3510, 21.1810, 7.1090

Conversions

Conversions Part 2

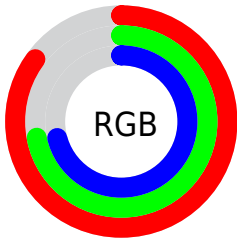
Format	Color
R _Y B	218, 183, 182
Decimal	14333878
CIE Lab	77.37, 12.38, 5.20
CIE LCh	77, 13.424, 22.794
Yxy	52.1498, 0.3438, 0.3303
Android (android.graphics.Color)	4292523958 (0xFFDAB7B6)
YUV	193.3510, -5.5960, 21.6172
Hunter-Lab	72.2148, 7.7961, 8.3046

Details

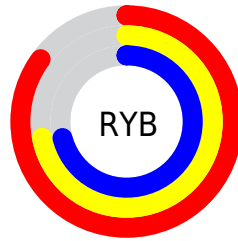
The Yxy color $52.1498, 0.3438, 0.3303$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $64.5955, 0.2878, 0.3277$, and the grayscale version is $53.5690, 0.3127, 0.3290$.

A 20% lighter version of the original color is $89.1661, 0.3240, 0.3300$, and $25.3368, 0.3530, 0.3307$ is the 20% darker color. If you saturate the color by 10%, you get $43.2318, 0.3689, 0.3312$, and if you desaturate by 10%, it is $62.5266, 0.3236, 0.3295$.

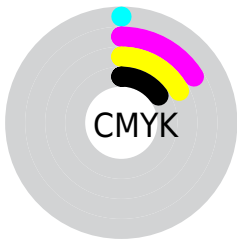
Distribution



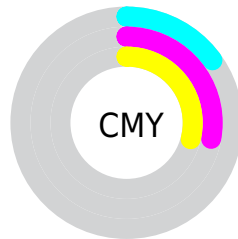
- Red (85%)
- Green (72%)
- Blue (71%)



- Red (85%)
- Yellow (72%)
- Blue (71%)



- Cyan (0%)
- Magenta (16%)
- Yellow (17%)
- Black (15%)




- Cyan (15%)
- Magenta (28%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.1498, 0.3438, 0.3303 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 52.1498, 0.3438, 0.3303 by changing the saturation by 10% instead.


 52.1498, 0.3438,
0.3303

 52.1498, 0.3438,
0.3303


395.0146, 0.3285,
0.3298

 37.1245, 0.3476,
0.3304


 93.3521, 0.3383,
0.3302

 25.3039, 0.3524,
0.3304


120.2979, 0.3362,
0.3301

 16.3036, 0.3587,
0.3304


151.9860, 0.3344,
0.3301

 9.7393, 0.3675,
0.3304

188.8008, 0.3329,
0.3300

 5.2264, 0.3803,
0.3301

231.1267, 0.3316,
0.3300

 2.3807, 0.4009,
0.3293

279.3480, 0.3304,

 0.8159, 0.4508,

0.3299

0.3343

333.8492, 0.3294,
0.3299

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.1498, 0.3438,
0.3303

52.1498, 0.3438,
0.3303

43.2318, 0.3689,
0.3312

62.5266, 0.3236,
0.3295

35.7005, 0.3999,
0.3320

74.4160, 0.3075,
0.3287

29.4885, 0.4374,
0.3329

87.8776, 0.2944,
0.3281

24.5199, 0.4809,
0.3335

93.6398, 0.2906,
0.3289

■ 20.7109, 0.5281,
0.3337

■ 17.9677, 0.5738,
0.3335

■ 16.1817, 0.6110,
0.3326

■ 15.2210, 0.6333,
0.3313

■ 15.0352, 0.6384,
0.3313

Harmonies

Analogous

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



52.1498, 0.3305, 0.3153



52.1498, 0.3438, 0.3303



52.1498, 0.3486, 0.3454

Triad

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



52.1498, 0.3438, 0.3303



52.1498, 0.3121, 0.3560



52.1498, 0.2827, 0.3011

Complementary

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



52.1498, 0.3438, 0.3303



64.5955, 0.2878, 0.3277

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.



52.1498, 0.2781, 0.3111



52.1498, 0.3438, 0.3303



52.1498, 0.2948, 0.3431

Square

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



52.1498, 0.3438, 0.3303



52.1498, 0.3299, 0.3609



52.1498, 0.2825, 0.3264



52.1498, 0.2951, 0.2987

Rectangle

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



52.1498, 0.3438, 0.3303



52.1498, 0.3462, 0.3536



52.1498, 0.2825, 0.3264



52.1498, 0.2802, 0.3037

Sweetspot

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



52.1521, 0.3438, 0.3303



91.5568, 0.3210, 0.3294



53.3805, 0.3151, 0.2890



19.3525, 0.3223, 0.3294



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.



52.1521, 0.3438, 0.3303



69.5027, 0.3524, 0.3306



59.8529, 0.3405, 0.3506



13.1109, 0.3291, 0.3297



9.0377, 0.6378, 0.3318



0.6070, 0.6311, 0.3371

Inverse Universe

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



64.5955, 0.2878, 0.3277



90.6494, 0.2826, 0.3274



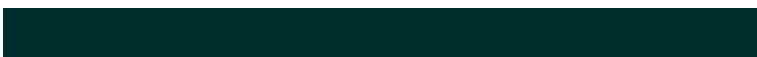
56.0247, 0.2869, 0.3064



14.7622, 0.2982, 0.3283



31.1992, 0.2222, 0.3200



2.0418, 0.2227, 0.3216

Previews

White Background



This preview shows how the Yxy color 52.1498, 0.3438, 0.3303 looks on a white background.

Color Contrast Check

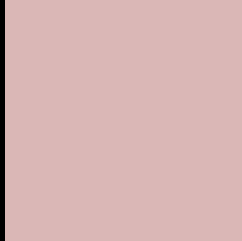
Large Text (above 18pt) WCAG AA × Fail

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 52.1498, 0.3438, 0.3303 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

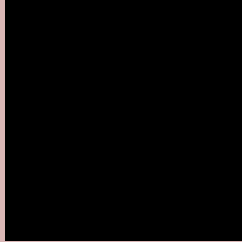
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.1498, 0.3438, 0.3303

Background



This preview shows how black text looks on a background with the Yxy color 52.1498, 0.3438, 0.3303.



This preview shows how white text looks on a background with the Yxy color 52.1498, 0.3438, 0.3303.

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

52.1498, 0.3438, 0.3303

Protanopia

52.1078, 0.3207, 0.3340

Deuteranopia

52.2215, 0.3391, 0.3327



Tritanopia

52.2035, 0.3350, 0.3129

Trichromacy



Original Color

52.1498, 0.3438, 0.3303

Protanomaly

51.8808, 0.3286, 0.3315

Deuteranomaly

52.1055, 0.3410, 0.3315

Tritanomaly

52.2337, 0.3381, 0.3198

Monochromacy



Original Color

52.1498, 0.3438, 0.3303

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

52.6259, 0.3235, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.1498, 0.3438, 0.3303 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, 183, 182)` looks like.

```
.text, #text, p{  
    color:rgb(218, 183, 182)  
}
```

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, 183, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 183, 182) }
```

Border

The CSS property to change the border of an element to Yxy 52.1498, 0.3438, 0.3303 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, 183, 182) }
```

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

```
.border{ border-color:rgb(218, 183, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 183, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 183, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 183, 182);  
box-shadow:4px 4px 4px 4px rgb(218, 183,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 52.1498, 0.3438, 0.3303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 183, 182) }
```

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

```
.background{ background-color: rgb(218,  
183, 182) }
```

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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