

Converting Colors

$Yxy(43.5325, 0.3635, 0.3208)$

Have a look what the booklet for
Yxy(43.5325, 0.3635, 0.3208)
contains.

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Color

Yxy(43.5325, 0.3635, 0.3208)

Conversions

Conversions Part 1

Format	Color
Hex	DCA1A8
RGB	220, 161, 168
RGB Percent	86%, 63%, 66%
CMY	0.1372, 0.3686, 0.3412
CMYK	0.00, 0.27, 0.24, 0.14
HSL	353°, 46%, 75%
HSV	353°, 27%, 86%
XYZ	49.3269, 43.5325, 42.8404
YIQ	179.4390, 32.9170, 14.6850

Conversions

Conversions Part 2

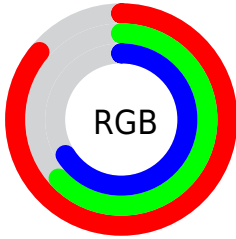
Format	Color
R_{YB}	220, 161, 168
Decimal	14459304
CIE _{Lab}	71.91, 22.86, 5.02
CIE _{LCh}	72, 23.410, 12.394
Yxy	43.5325, 0.3635, 0.3208
Android (android.graphics.Color)	4292649384 (0xFFDCA1A8)
YUV	179.4390, -5.6394, 35.5720
Hunter-Lab	65.9792, 17.9854, 7.6883

Details

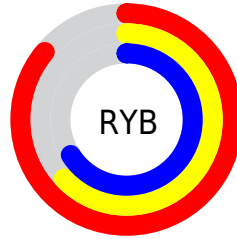
The Yxy color **43.5325, 0.3635, 0.3208** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **63.5701, 0.2777, 0.3375**, and the grayscale version is **45.3440, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.6994, 0.3366, 0.3220**, and **20.0907, 0.3789, 0.3181** is the 20% darker color. If you saturate the color by 10%, you get **35.8397, 0.3912, 0.3176**, and if you desaturate by 10%, it is **52.6899, 0.3410, 0.3240**.

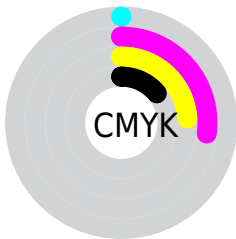
Distribution



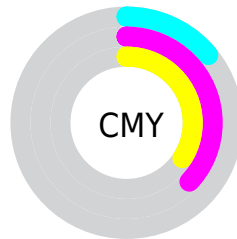
- Red (86%)
- Green (63%)
- Blue (66%)



- Red (86%)
- Yellow (63%)
- Blue (66%)



- Cyan (0%)
- Magenta (27%)
- Yellow (24%)
- Black (14%)





- Cyan (14%)
- Magenta (37%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.5325, 0.3635, 0.3208 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 43.5325, 0.3635, 0.3208 by changing the saturation by 10% instead.


 43.5325, 0.3635,
0.3208

 43.5325, 0.3635,
0.3208


360.7971, 0.3377,
0.3253

 30.3031, 0.3701,
0.3196


 80.5138, 0.3540,
0.3225

 20.0688, 0.3786,
0.3179


 105.0346, 0.3505,
0.3231

 12.4451, 0.3901,
0.3156


134.0879, 0.3475,
0.3236

 7.0475, 0.4064,
0.3121

168.0582, 0.3450,
0.3241

 3.4919, 0.4313,
0.3063

207.3299, 0.3428,
0.3244

 1.3936, 0.4733,
0.2955

252.2873, 0.3408,

 0.2120, 0.7818,

0.3248

0.2182

303.3149, 0.3392,
0.3250

0.0000, 0.0000,
0.0000

43.5325, 0.3635,
0.3208

43.5325, 0.3635,
0.3208

35.8397, 0.3912,
0.3176

52.6899, 0.3410,
0.3240

29.5299, 0.4248,
0.3148

63.3761, 0.3230,
0.3270

24.5226, 0.4642,
0.3126

75.6587, 0.3084,
0.3299

20.7266, 0.5079,
0.3118

89.5996, 0.2967,
0.3325

18.0389, 0.5523,
0.3130

93.9558, 0.2917,
0.3289

■ 16.3392, 0.5918,
0.3163

■ 15.4733, 0.6204,
0.3215

■ 15.2905, 0.6272,
0.3229

Harmonies

Analogous

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



43.5325, 0.3341, 0.2961



43.5325, 0.3635, 0.3208



43.5325, 0.3787, 0.3485

Triad

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



43.5325, 0.3635, 0.3208



43.5325, 0.3225, 0.3855



43.5325, 0.2536, 0.2823

Complementary

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



43.5325, 0.3635, 0.3208



63.5701, 0.2777, 0.3375

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.



43.5325, 0.2510, 0.3038



43.5325, 0.3635, 0.3208



43.5325, 0.2896, 0.3656

Square

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



43.5325, 0.3635, 0.3208



43.5325, 0.3540, 0.3876



43.5325, 0.2638, 0.3345



43.5325, 0.2710, 0.2741

Rectangle

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



43.5325, 0.3635, 0.3208



43.5325, 0.3783, 0.3657



43.5325, 0.2638, 0.3345



43.5325, 0.2510, 0.2881

Sweetspot

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



43.5345, 0.3635, 0.3208



86.5630, 0.3250, 0.3267



44.6767, 0.3089, 0.2611



18.0220, 0.3276, 0.3262



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.



43.5345, 0.3635, 0.3208



54.7218, 0.3779, 0.3191



51.5072, 0.3637, 0.3547



13.0764, 0.3273, 0.3263



8.9822, 0.6248, 0.3215



0.5904, 0.5903, 0.3025

Inverse Universe

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



43.5345, 0.3635, 0.3208



54.7218, 0.3779, 0.3191



53.3027, 0.2711, 0.3017



13.0764, 0.3273, 0.3263



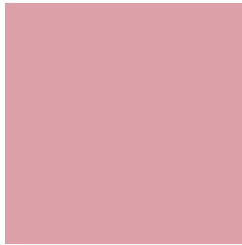
8.9822, 0.6248, 0.3215



0.5904, 0.5903, 0.3025

Previews

White Background



This preview shows how the Yxy color 43.5325, 0.3635, 0.3208 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 43.5325, 0.3635, 0.3208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

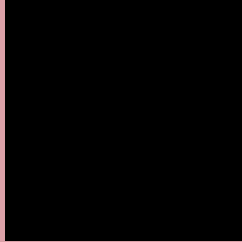
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.5325, 0.3635, 0.3208

Background



This preview shows how black text looks on a background with the Yxy color 43.5325, 0.3635, 0.3208.



This preview shows how white text looks on a background with the Yxy color 43.5325, 0.3635, 0.3208.

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

43.5325, 0.3635, 0.3208

Protanopia

43.8886, 0.3162, 0.3290

Deuteranopia

43.7493, 0.3410, 0.3355



Tritanopia

43.5309, 0.3598, 0.3137

Trichromacy



Original Color

43.5325, 0.3635, 0.3208

Protanomaly

43.7451, 0.3330, 0.3265

Deuteranomaly

43.4066, 0.3485, 0.3291

Tritanomaly

43.4540, 0.3618, 0.3161

Monochromacy



Original Color

43.5325, 0.3635, 0.3208

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.0695, 0.3301, 0.3252

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.5325, 0.3635, 0.3208 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, 161, 168)` looks like.

```
.text, #text, p{  
    color:rgb(220, 161, 168)  
}
```

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, 161, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 161, 168) }
```

Border

The CSS property to change the border of an element to Yxy 43.5325, 0.3635, 0.3208 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, 161, 168) }
```

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

```
.border{ border-color:rgb(220, 161, 168) }
```

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

Here you see how a box with a 4 pixel rgb(220, 161, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 161, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 161, 168);  
box-shadow:4px 4px 4px 4px rgb(220, 161,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 43.5325, 0.3635, 0.3208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 161, 168) }
```

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

```
.background{ background-color: rgb(220,  
161, 168) }
```

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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