

Converting Colors

$Yxy(44.6322, 0.3570, 0.3211)$

Have a look what the booklet for
Yxy(44.6322, 0.3570, 0.3211)
contains.

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Color

Yxy(44.7560, 0.3576, 0.3219)

Conversions

Conversions Part 1

Format	Color
Hex	DAA5AB
RGB	218, 165, 171
RGB Percent	85%, 65%, 67%
CMY	0.1451, 0.3529, 0.3293
CMYK	0.00, 0.24, 0.22, 0.15
HSL	353°, 42%, 75%
HSV	353°, 24%, 85%
XYZ	49.7196, 44.7560, 44.5613
YIQ	181.5310, 29.6620, 13.1020

Conversions

Conversions Part 2

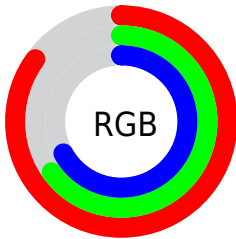
Format	Color
R _Y B	218, 165, 171
Decimal	14329259
CIE Lab	72.73, 20.41, 4.49
CIE LCh	73, 20.900, 12.419
Yxy	44.7560, 0.3576, 0.3219
Android (android.graphics.Color)	4292519339 (0xFFDAA5AB)
YUV	181.5310, -5.1918, 31.9833
Hunter-Lab	66.8999, 15.5853, 7.3375

Details

The Yxy color **44.7560, 0.3576, 0.3219** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **62.8903, 0.2806, 0.3363**, and the grayscale version is **46.5294, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.9374, 0.3339, 0.3231**, and **20.8235, 0.3704, 0.3196** is the 20% darker color. If you saturate the color by 10%, you get **36.8688, 0.3840, 0.3188**, and if you desaturate by 10%, it is **54.0953, 0.3362, 0.3249**.

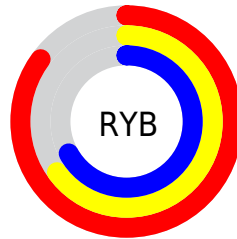
Distribution



Red (85%)

Green (65%)

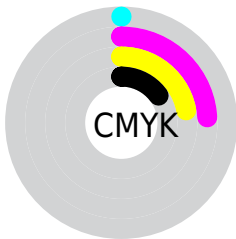
Blue (67%)



Red (85%)

Yellow (65%)

Blue (67%)

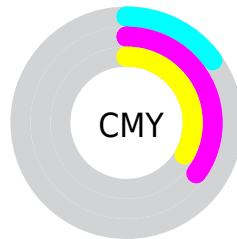


Cyan (0%)

Magenta (24%)

Yellow (22%)

Black (15%)



Cyan (15%)


Magenta (35%)

Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.7560, 0.3576, 0.3219 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 44.7560, 0.3576, 0.3219 by changing the saturation by 10% instead.

 44.7560, 0.3576,
0.3219


 44.7560, 0.3576,
0.3219

365.7845, 0.3349,
0.3257

 31.2653, 0.3634,
0.3209

 82.3541, 0.3493,
0.3234

 20.8009, 0.3708,
0.3195


 107.2304, 0.3462,
0.3239

 12.9786, 0.3808,
0.3175


136.6705, 0.3436,
0.3243

 7.4138, 0.3949,
0.3146

171.0590, 0.3413,
0.3247

 3.7222, 0.4163,
0.3099

210.7803, 0.3394,
0.3250

 1.5194, 0.4524,
0.3011

256.2187, 0.3377,

 0.3023, 0.7123,

0.3253

0.2741

307.7586, 0.3362,
0.3255

0.0000, 0.0000,
0.0000

44.7560, 0.3576,
0.3219

44.7560, 0.3576,
0.3219

36.8688, 0.3840,
0.3188

54.0953, 0.3362,
0.3249

30.3549, 0.4163,
0.3160

64.9480, 0.3190,
0.3278

25.1374, 0.4545,
0.3137

77.3794, 0.3052,
0.3305

21.1295, 0.4975,
0.3126

91.4491, 0.2941,
0.3329

18.2337, 0.5424,
0.3132

93.6442, 0.2906,
0.3289

■ 16.3372, 0.5837,
0.3159

■ 15.3033, 0.6153,
0.3207

■ 14.9734, 0.6279,
0.3232

Harmonies

Analogous

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



44.7560, 0.3318, 0.2997



44.7560, 0.3576, 0.3219



44.7560, 0.3710, 0.3466

Triad

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



44.7560, 0.3576, 0.3219



44.7560, 0.3216, 0.3787



44.7560, 0.2601, 0.2877

Complementary

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



44.7560, 0.3576, 0.3219



62.8903, 0.2806, 0.3363

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.



44.7560, 0.2578, 0.3069



44.7560, 0.3576, 0.3219



44.7560, 0.2923, 0.3611

Square

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



44.7560, 0.3576, 0.3219



44.7560, 0.3493, 0.3808



44.7560, 0.2693, 0.3340



44.7560, 0.2758, 0.2801

Rectangle

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



44.7560, 0.3576, 0.3219



44.7560, 0.3707, 0.3618



44.7560, 0.2693, 0.3340



44.7560, 0.2578, 0.2929

Sweetspot

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



44.7581, 0.3576, 0.3219



88.1579, 0.3234, 0.3271



45.9428, 0.3102, 0.2678



18.6621, 0.3244, 0.3269



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.



44.7581, 0.3576, 0.3219



58.0222, 0.3700, 0.3204



52.4518, 0.3577, 0.3532



13.0755, 0.3274, 0.3264



8.9794, 0.6256, 0.3220



0.5900, 0.5920, 0.3035

Inverse Universe

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



44.7581, 0.3576, 0.3219



58.0222, 0.3700, 0.3204



53.3038, 0.2749, 0.3034



13.0755, 0.3274, 0.3264



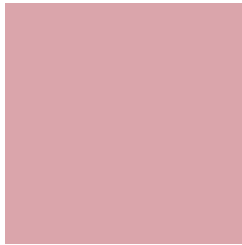
8.9794, 0.6256, 0.3220



0.5900, 0.5920, 0.3035

Previews

White Background



This preview shows how the Yxy color 44.7560, 0.3576, 0.3219 looks on a white background.

Color Contrast Check

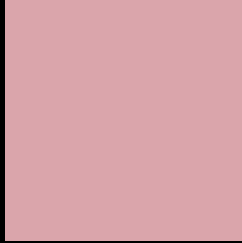
Large Text (above 18pt) WCAG AA × Fail

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 44.7560, 0.3576, 0.3219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

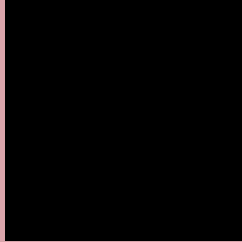
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.7560, 0.3576, 0.3219

Background



This preview shows how black text looks on a background with the Yxy color 44.7560, 0.3576, 0.3219.



This preview shows how white text looks on a background with the Yxy color 44.7560, 0.3576, 0.3219.

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

44.7560, 0.3576, 0.3219

Protanopia

45.0002, 0.3162, 0.3290

Deuteranopia

44.9315, 0.3390, 0.3329



Tritanopia

44.7853, 0.3531, 0.3136

Trichromacy



Original Color

44.7560, 0.3576, 0.3219

Protanomaly

44.5844, 0.3309, 0.3265

Deuteranomaly

44.7735, 0.3461, 0.3291

Tritanomaly

44.7061, 0.3550, 0.3160

Monochromacy



Original Color

44.7560, 0.3576, 0.3219

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

45.8671, 0.3279, 0.3265

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.7560, 0.3576, 0.3219 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, 165, 171)` looks like.

```
.text, #text, p{  
    color:rgb(218, 165, 171)  
}
```

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, 165, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 165, 171) }
```

Border

The CSS property to change the border of an element to Yxy 44.7560, 0.3576, 0.3219 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, 165, 171) }
```

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

```
.border{ border-color:rgb(218, 165, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 165, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 165, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 165, 171);  
box-shadow:4px 4px 4px 4px rgb(218, 165,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 44.7560, 0.3576, 0.3219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 165, 171) }
```

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

```
.background{ background-color: rgb(218,  
165, 171) }
```

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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