

Converting Colors

$Yxy(47.8146, 0.3518, 0.3255)$

Have a look what the booklet for
Yxy(47.8146, 0.3518, 0.3255)
contains.

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Color

Yxy(47.9272, 0.3511, 0.3255)

Conversions

Conversions Part 1

Format	Color
Hex	DAADB0
RGB	218, 173, 176
RGB Percent	85%, 68%, 69%
CMY	0.1451, 0.3216, 0.3097
CMYK	0.00, 0.21, 0.19, 0.15
HSL	356°, 38%, 77%
HSV	356°, 21%, 85%
XYZ	51.6966, 47.9272, 47.6180
YIQ	186.7970, 25.8570, 10.4730

Conversions

Conversions Part 2

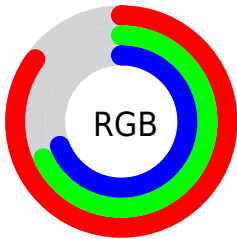
Format	Color
R _Y B	218, 173, 176
Decimal	14331312
CIE Lab	74.78, 16.85, 4.71
CIE LCh	75, 17.498, 15.600
Yxy	47.9272, 0.3511, 0.3255
Android (android.graphics.Color)	4292521392 (0xFFDAADB0)
YUV	186.7970, -5.3229, 27.3650
Hunter-Lab	69.2295, 12.1420, 7.6793

Details

The Yxy color **47.9272, 0.3511, 0.3255** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **63.9331, 0.2839, 0.3326**, and the grayscale version is **49.5956, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.1248, 0.3288, 0.3261**, and **22.5696, 0.3612, 0.3228** is the 20% darker color. If you saturate the color by 10%, you get **39.4941, 0.3769, 0.3237**, and if you desaturate by 10%, it is **57.8493, 0.3303, 0.3273**.

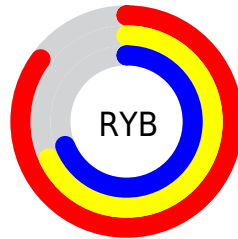
Distribution



Red (85%)

Green (68%)

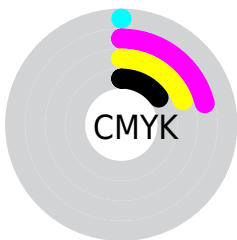
Blue (69%)



Red (85%)

Yellow (68%)

Blue (69%)

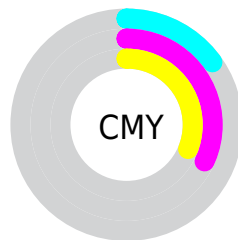


Cyan (0%)

Magenta (21%)

Yellow (19%)

Black (15%)



Cyan (15%)


Magenta (32%)

Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.9272, 0.3511, 0.3255 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 47.9272, 0.3511, 0.3255 by changing the saturation by 10% instead.


 47.9272, 0.3511,
0.3255

 47.9272, 0.3511,
0.3255

378.5035, 0.3319,
0.3275

 33.7692, 0.3559,
0.3249


 87.0960, 0.3441,
0.3263

 22.7164, 0.3621,
0.3242


112.8756, 0.3415,
0.3265

 14.3842, 0.3703,
0.3231


143.2979, 0.3393,
0.3268

 8.3884, 0.3818,
0.3216

178.7473, 0.3374,
0.3269

 4.3445, 0.3990,
0.3189

219.6082, 0.3357,
0.3271

 1.8681, 0.4272,
0.3140

266.2649, 0.3343,

 0.5291, 0.5414,

0.3272

0.3126

319.1019, 0.3330,
0.3274

0.0000, 0.0000,
0.0000

47.9272, 0.3511,
0.3255

47.9272, 0.3511,
0.3255

39.4941, 0.3769,
0.3237

57.8493, 0.3303,
0.3273

32.4719, 0.4087,
0.3220

69.3204, 0.3137,
0.3289

26.7856, 0.4468,
0.3206

82.4052, 0.3003,
0.3304

22.3505, 0.4904,
0.3198

93.6458, 0.2906,
0.3289

19.0722, 0.5368,
0.3199

■ 16.8428, 0.5804,
0.3214

■ 15.5342, 0.6146,
0.3241

■ 14.9394, 0.6341,
0.3267

Harmonies

Analogous

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



47.9272, 0.3309, 0.3066



47.9272, 0.3511, 0.3255



47.9272, 0.3606, 0.3459

Triad

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



47.9272, 0.3511, 0.3255



47.9272, 0.3176, 0.3683



47.9272, 0.2702, 0.2940

Complementary

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



47.9272, 0.3511, 0.3255



63.9331, 0.2839, 0.3326

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.



47.9272, 0.2671, 0.3091



47.9272, 0.3511, 0.3255



47.9272, 0.2938, 0.3530

Square

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



47.9272, 0.3511, 0.3255



47.9272, 0.3407, 0.3717



47.9272, 0.2755, 0.3308



47.9272, 0.2843, 0.2886

Rectangle

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



47.9272, 0.3511, 0.3255



47.9272, 0.3595, 0.3580



47.9272, 0.2755, 0.3308



47.9272, 0.2679, 0.2980

Sweetspot

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



47.9294, 0.3511, 0.3255



89.7385, 0.3222, 0.3280



49.2838, 0.3119, 0.2775



18.9794, 0.3233, 0.3279



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.



47.9294, 0.3511, 0.3255



62.5957, 0.3622, 0.3247



55.5133, 0.3495, 0.3511



13.0657, 0.3281, 0.3275



8.9557, 0.6324, 0.3257



0.5853, 0.6104, 0.3136

Inverse Universe

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



47.9294, 0.3511, 0.3255



62.5957, 0.3622, 0.3247



54.9093, 0.2805, 0.3058



13.0657, 0.3281, 0.3275



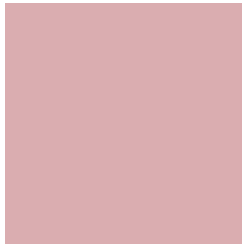
8.9557, 0.6324, 0.3257



0.5853, 0.6104, 0.3136

Previews

White Background



This preview shows how the Yxy color 47.9272, 0.3511, 0.3255 looks on a white background.

Color Contrast Check

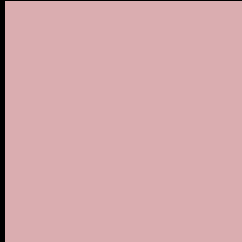
Large Text (above 18pt) WCAG AA × Fail

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 47.9272, 0.3511, 0.3255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

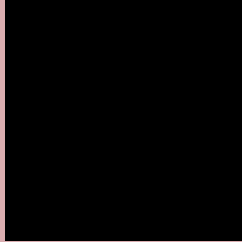
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.9272, 0.3511, 0.3255

Background



This preview shows how black text looks on a background with the Yxy color 47.9272, 0.3511, 0.3255.



This preview shows how white text looks on a background with the Yxy color 47.9272, 0.3511, 0.3255.

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

47.9272, 0.3511, 0.3255

Protanopia

47.9357, 0.3178, 0.3303

Deuteranopia

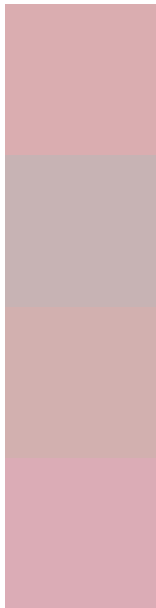
47.9151, 0.3392, 0.3328



Tritanopia

48.0679, 0.3442, 0.3138

Trichromacy



Original Color

47.9272, 0.3511, 0.3255

Protanomaly

47.6776, 0.3294, 0.3278

Deuteranomaly

47.8475, 0.3441, 0.3303

Tritanomaly

47.9425, 0.3469, 0.3173

Monochromacy



Original Color

47.9272, 0.3511, 0.3255

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

48.8806, 0.3257, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.9272, 0.3511, 0.3255 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, 173, 176)` looks like.

```
.text, #text, p{  
    color:rgb(218, 173, 176)  
}
```

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, 173, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 173, 176) }
```

Border

The CSS property to change the border of an element to Yxy 47.9272, 0.3511, 0.3255 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, 173, 176) }
```

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

```
.border{ border-color:rgb(218, 173, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 173, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 173, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 173, 176);  
box-shadow:4px 4px 4px 4px rgb(218, 173,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 47.9272, 0.3511, 0.3255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 173, 176) }
```

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

```
.background{ background-color: rgb(218,  
173, 176) }
```

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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