

Converting Colors

$Yxy(47.2174, 0.3600, 0.3252)$

Have a look what the booklet for
Yxy(47.2174, 0.3600, 0.3252)
contains.

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Color

Yxy(47.0810, 0.3595, 0.3244)

Conversions

Conversions Part 1

Format	Color
Hex	DFA9AD
RGB	223, 169, 173
RGB Percent	87%, 66%, 68%
CMY	0.1253, 0.3373, 0.3215
CMYK	0.00, 0.24, 0.22, 0.13
HSL	356°, 46%, 77%
HSV	356°, 24%, 87%
XYZ	52.1752, 47.0810, 45.8764
YIQ	185.6020, 30.9000, 12.6920

Conversions

Conversions Part 2

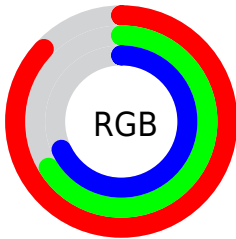
Format	Color
R _Y B	223, 169, 173
Decimal	14657965
CIE Lab	74.24, 20.43, 5.65
CIE LCh	74, 21.193, 15.470
Yxy	47.0810, 0.3595, 0.3244
Android (android.graphics.Color)	4292848045 (0xFFDFA9AD)
YUV	185.6020, -6.2128, 32.7980
Hunter-Lab	68.6156, 15.6537, 8.3896

Details

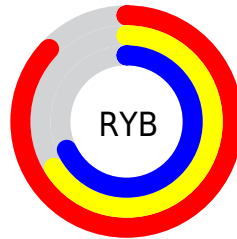
The Yxy color **47.0810, 0.3595, 0.3244** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **66.3535, 0.2794, 0.3337**, and the grayscale version is **48.8940, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.1727, 0.3321, 0.3251**, and **22.3185, 0.3726, 0.3230** is the 20% darker color. If you saturate the color by 10%, you get **38.7424, 0.3872, 0.3224**, and if you desaturate by 10%, it is **56.9630, 0.3371, 0.3264**.

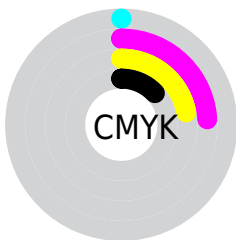
Distribution



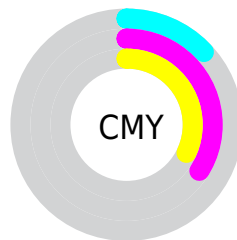
- Red (87%)
- Green (66%)
- Blue (68%)



- Red (87%)
- Yellow (66%)
- Blue (68%)



- Cyan (0%)
- Magenta (24%)
- Yellow (22%)
- Black (13%)





- Cyan (13%)
- Magenta (34%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.0810, 0.3595, 0.3244 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 47.0810, 0.3595, 0.3244 by changing the saturation by 10% instead.

 47.0810, 0.3595,
0.3244


 47.0810, 0.3595,
0.3244

375.1378, 0.3360,
0.3270

 33.0997, 0.3654,
0.3237


 85.8345, 0.3509,
0.3254

 22.2028, 0.3730,
0.3226


 111.3755, 0.3477,
0.3258

 14.0060, 0.3831,
0.3212


141.5385, 0.3450,
0.3261

 8.1248, 0.3973,
0.3190

176.7080, 0.3427,
0.3263

 4.1749, 0.4186,
0.3153

217.2682, 0.3407,
0.3265

 1.7719, 0.4536,
0.3084

263.6037, 0.3389,

 0.4696, 0.6184,

0.3267

0.3059

316.0987, 0.3374,
0.3269

0.0000, 0.0000,
0.0000

47.0810, 0.3595,
0.3244

47.0810, 0.3595,
0.3244

38.7424, 0.3872,
0.3224

56.9630, 0.3371,
0.3264

31.8633, 0.4211,
0.3206

68.4540, 0.3192,
0.3282

26.3616, 0.4611,
0.3192

81.6236, 0.3048,
0.3300

22.1444, 0.5060,
0.3186

94.4367, 0.2935,
0.3289

19.1075, 0.5520,
0.3193

■ 17.1304, 0.5930,
0.3214

■ 16.0668, 0.6226,
0.3247

■ 15.7359, 0.6334,
0.3263

Harmonies

Analogous

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



47.0810, 0.3347, 0.3018



47.0810, 0.3595, 0.3244



47.0810, 0.3712, 0.3490

Triad

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



47.0810, 0.3595, 0.3244



47.0810, 0.3185, 0.3774



47.0810, 0.2613, 0.2865

Complementary

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



47.0810, 0.3595, 0.3244



66.3535, 0.2794, 0.3337

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.



47.0810, 0.2575, 0.3046



47.0810, 0.3595, 0.3244



47.0810, 0.2897, 0.3586

Square

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



47.0810, 0.3595, 0.3244



47.0810, 0.3467, 0.3812



47.0810, 0.2677, 0.3311



47.0810, 0.2781, 0.2802

Rectangle

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



47.0810, 0.3595, 0.3244



47.0810, 0.3698, 0.3638



47.0810, 0.2677, 0.3311



47.0810, 0.2585, 0.2913

Sweetspot

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



47.0832, 0.3595, 0.3244



88.1165, 0.3238, 0.3277



48.6899, 0.3117, 0.2682



18.6525, 0.3249, 0.3276



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.



47.0832, 0.3595, 0.3244



57.8970, 0.3726, 0.3234



56.0459, 0.3572, 0.3552



13.7170, 0.3280, 0.3273



9.2536, 0.6317, 0.3253



0.6473, 0.6089, 0.3128

Inverse Universe

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



47.0832, 0.3595, 0.3244



57.8970, 0.3726, 0.3234



55.3154, 0.2748, 0.3012



13.7170, 0.3280, 0.3273



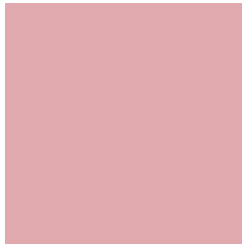
9.2536, 0.6317, 0.3253



0.6473, 0.6089, 0.3128

Previews

White Background



This preview shows how the Yxy color 47.0810, 0.3595, 0.3244 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 47.0810, 0.3595, 0.3244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

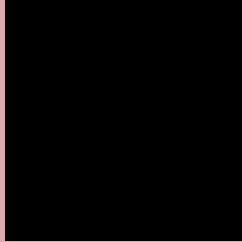
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.0810, 0.3595, 0.3244

Background



This preview shows how black text looks on a background with the Yxy color 47.0810, 0.3595, 0.3244.



This preview shows how white text looks on a background with the Yxy color 47.0810, 0.3595, 0.3244.

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

47.0810, 0.3595, 0.3244

Protanopia

47.3160, 0.3186, 0.3316

Deuteranopia

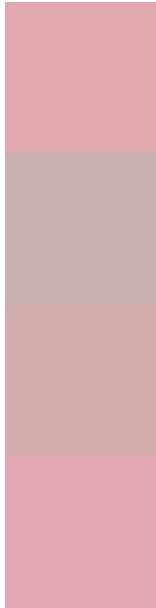
47.4020, 0.3420, 0.3353



Tritanopia

47.1888, 0.3532, 0.3140

Trichromacy



Original Color

47.0810, 0.3595, 0.3244

Protanomaly

46.8980, 0.3331, 0.3291

Deuteranomaly

47.2477, 0.3490, 0.3315

Tritanomaly

47.0669, 0.3560, 0.3174

Monochromacy



Original Color

47.0810, 0.3595, 0.3244

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

48.1208, 0.3284, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.0810, 0.3595, 0.3244 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(223, 169, 173)` looks like.

```
.text, #text, p{  
    color:rgb(223, 169, 173)  
}
```

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(223, 169, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 169, 173) }
```

Border

The CSS property to change the border of an element to Yxy 47.0810, 0.3595, 0.3244 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(223, 169, 173) }
```

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

```
.border{ border-color:rgb(223, 169, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 169, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 169, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 169, 173);  
box-shadow:4px 4px 4px 4px rgb(223, 169,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 47.0810, 0.3595, 0.3244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 169, 173) }
```

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

```
.background{ background-color: rgb(223,  
169, 173) }
```

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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