

Converting Colors

Yxy(47.9717, 0.3824, 0.3319)

Have a look what the booklet for
Yxy(47.9717, 0.3824, 0.3319)
contains.

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Color

Yxy(47.9573, 0.3819, 0.3315)

Conversions

Conversions Part 1

Format	Color
Hex	EDA6A4
RGB	237, 166, 164
RGB Percent	93%, 65%, 64%
CMY	0.0708, 0.3489, 0.3569
CMYK	0.00, 0.30, 0.31, 0.07
HSL	2°, 67%, 79%
HSV	2°, 31%, 93%
XYZ	55.2485, 47.9573, 41.4617
YIQ	187.0010, 42.9580, 14.4300

Conversions

Conversions Part 2

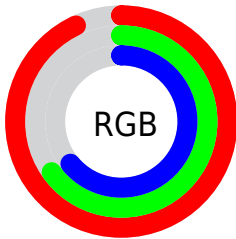
Format	Color
RYB	237, 166, 164
Decimal	15574692
CIELab	74.80, 25.91, 11.58
CIElCh	75, 28.384, 24.088
Yxy	47.9573, 0.3819, 0.3315
Android (android.graphics.Color)	4293764772 (0xFFEDA6A4)
YUV	187.0010, -11.3395, 43.8491
Hunter-Lab	69.2512, 21.2175, 12.9780

Details

The Yxy color **47.9573, 0.3819, 0.3315** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **73.3667, 0.2682, 0.3265**, and the grayscale version is **49.7421, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.0874, 0.3387, 0.3311**, and **22.5638, 0.4019, 0.3307** is the 20% darker color. If you saturate the color by 10%, you get **39.5426, 0.4159, 0.3324**, and if you desaturate by 10%, it is **58.0355, 0.3542, 0.3306**.

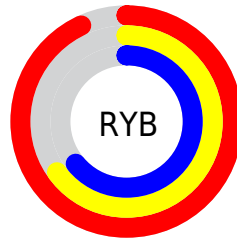
Distribution



Red (93%)

Green (65%)

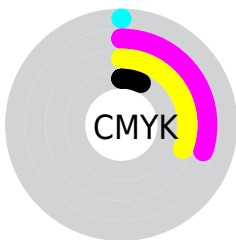
Blue (64%)



Red (93%)

Yellow (65%)

Blue (64%)

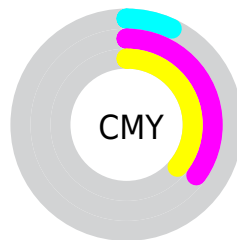


Cyan (0%)

Magenta (30%)

Yellow (31%)

Black (7%)



Cyan (7%)


Magenta (35%)

Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.9573, 0.3819, 0.3315 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 47.9573, 0.3819, 0.3315 by changing the saturation by 10% instead.

 47.9573, 0.3819,
0.3315


 47.9573, 0.3819,
0.3315

378.6228, 0.3471,
0.3311

 33.7931, 0.3906,
0.3313


 87.1408, 0.3692,
0.3315

 22.7347, 0.4018,
0.3310


 112.9289, 0.3645,
0.3315

 14.3977, 0.4166,
0.3303


143.3604, 0.3605,
0.3314

 8.3978, 0.4372,
0.3289

178.8197, 0.3570,
0.3314

 4.3505, 0.4676,
0.3257

219.6912, 0.3541,
0.3313

 1.8715, 0.5163,
0.3182

266.3593, 0.3515,

 0.5312, 0.6884,

0.3312

319.2084, 0.3492,
0.3312

0.3116

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

47.9573, 0.3819,
0.3315

47.9573, 0.3819,
0.3315

39.5426, 0.4159,
0.3324

58.0355, 0.3542,
0.3306

32.6958, 0.4565,
0.3331

69.8527, 0.3318,
0.3298

27.3218, 0.5024,
0.3336

83.4880, 0.3140,
0.3291

23.3126, 0.5499,
0.3336

96.7357, 0.3017,
0.3290

■ 20.5456, 0.5928,
0.3331

■ 18.8758, 0.6237,
0.3320

■ 18.1396, 0.6386,
0.3312

Harmonies

Analogous

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



47.9573, 0.3526, 0.3010



47.9573, 0.3819, 0.3315



47.9573, 0.3912, 0.3632

Triad

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



47.9573, 0.3819, 0.3315



47.9573, 0.3085, 0.3891



47.9573, 0.2498, 0.2688

Complementary

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



47.9573, 0.3819, 0.3315



73.3667, 0.2682, 0.3265

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.



47.9573, 0.2400, 0.2876



47.9573, 0.3819, 0.3315



47.9573, 0.2723, 0.3587

Square

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



47.9573, 0.3819, 0.3315



47.9573, 0.3472, 0.3998



47.9573, 0.2478, 0.3202



47.9573, 0.2758, 0.2659

Rectangle

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



47.9573, 0.3819, 0.3315



47.9573, 0.3847, 0.3815



47.9573, 0.2478, 0.3202



47.9573, 0.2446, 0.2733

Sweetspot

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



47.9596, 0.3819, 0.3315



85.1926, 0.3284, 0.3297



50.5838, 0.3173, 0.2536



17.7582, 0.3313, 0.3298



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.



47.9596, 0.3819, 0.3315



50.1181, 0.4028, 0.3321



62.7693, 0.3700, 0.3706



15.1215, 0.3292, 0.3297



9.9397, 0.6380, 0.3316



0.8044, 0.6324, 0.3361

Inverse Universe

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



73.3667, 0.2682, 0.3265



84.6083, 0.2604, 0.3259



54.9666, 0.2632, 0.2833



17.0453, 0.2981, 0.3283



34.3832, 0.2223, 0.3202



2.7228, 0.2226, 0.3215

Previews

White Background



This preview shows how the Yxy color 47.9573, 0.3819, 0.3315 looks on a white background.

Color Contrast Check

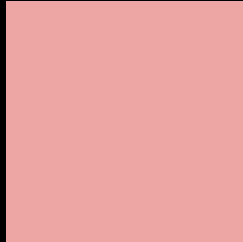
Large Text (above 18pt) WCAG AA × Fail

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 47.9573, 0.3819, 0.3315 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 47.9573, 0.3819, 0.3315

Background



This preview shows how black text looks on a background with the Yxy color 47.9573, 0.3819, 0.3315.



This preview shows how white text looks on a background with the Yxy color 47.9573, 0.3819, 0.3315.

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

47.9573, 0.3819, 0.3315

Protanopia

48.2453, 0.3266, 0.3432

Deuteranopia

48.1511, 0.3551, 0.3488



Tritanopia

47.9024, 0.3709, 0.3147

Trichromacy



Original Color

47.9573, 0.3819, 0.3315

Protanomaly

47.6120, 0.3455, 0.3377

Deuteranomaly

48.1321, 0.3645, 0.3423

Tritanomaly

48.0660, 0.3755, 0.3214

Monochromacy



Original Color

47.9573, 0.3819, 0.3315

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

48.4740, 0.3356, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.9573, 0.3819, 0.3315 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(237, 166, 164)` looks like.

```
.text, #text, p{  
    color:rgb(237, 166, 164)  
}
```

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(237, 166, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 166, 164) }
```

Border

The CSS property to change the border of an element to Yxy 47.9573, 0.3819, 0.3315 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(237, 166, 164) }
```

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

```
.border{ border-color:rgb(237, 166, 164) }
```

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

Here you see how a box with a 4 pixel rgb(237, 166, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 166, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 166, 164);  
box-shadow:4px 4px 4px 4px rgb(237, 166,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 47.9573, 0.3819, 0.3315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 166, 164) }
```

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

```
.background{ background-color: rgb(237,  
166, 164) }
```

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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