

Converting Colors

$Yxy(47.0479, 0.3754, 0.3409)$

Have a look what the booklet for
Yxy(47.0479, 0.3754, 0.3409)
contains.

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Color

Yxy(47.0479, 0.3754, 0.3409)

Conversions

Conversions Part 1

Format	Color
Hex	E2A99F
RGB	226, 169, 159
RGB Percent	89%, 66%, 62%
CMY	0.1137, 0.3372, 0.3764
CMYK	0.00, 0.25, 0.30, 0.11
HSL	9°, 54%, 75%
HSV	9°, 30%, 89%
XYZ	51.8093, 47.0479, 39.1537
YIQ	184.9030, 37.1820, 8.9740

Conversions

Conversions Part 2

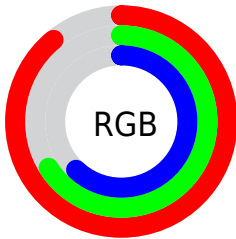
Format	Color
R _Y B	226, 171, 159
Decimal	14854559
CIE Lab	74.22, 19.56, 13.33
CIE LCh	74, 23.668, 34.278
Yxy	47.0479, 0.3754, 0.3409
Android (android.graphics.Color)	4293044639 (0xFFE2A99F)
YUV	184.9030, -12.7702, 36.0421
Hunter-Lab	68.5915, 14.7915, 14.1699

Details

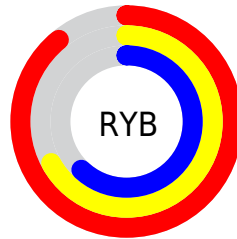
The Yxy color $47.0479, 0.3754, 0.3409$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $61.9713, 0.2687, 0.3167$, and the grayscale version is $48.5171, 0.3127, 0.3290$.

A 20% lighter version of the original color is $79.4263, 0.3417, 0.3392$, and $22.2403, 0.3924, 0.3432$ is the 20% darker color. If you saturate the color by 10%, you get $39.7003, 0.4060, 0.3451$, and if you desaturate by 10%, it is $55.5952, 0.3500, 0.3367$.

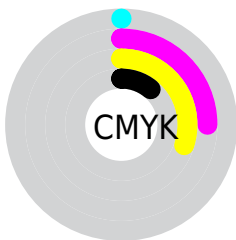
Distribution



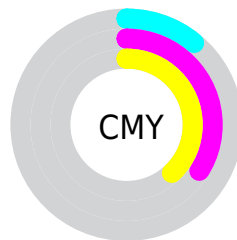
- Red (89%)
- Green (66%)
- Blue (62%)



- Red (89%)
- Yellow (67%)
- Blue (62%)



- Cyan (0%)
- Magenta (25%)
- Yellow (30%)
- Black (11%)




- Cyan (11%)
- Magenta (34%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.0479, 0.3754, 0.3409 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 47.0479, 0.3754, 0.3409 by changing the saturation by 10% instead.


 47.0479, 0.3754,
0.3409


 47.0479, 0.3754,
0.3409


375.0057, 0.3438,
0.3357

 33.0735, 0.3833,
0.3419


 85.7851, 0.3639,
0.3392

 22.1828, 0.3935,
0.3431

 111.3167, 0.3596,
0.3385

 13.9913, 0.4071,
0.3445


141.4696, 0.3559,
0.3379

 8.1146, 0.4261,
0.3458

176.6280, 0.3528,
0.3374

 4.1684, 0.4542,
0.3468

217.1765, 0.3501,
0.3369

 1.7682, 0.5006,
0.3462

263.4993, 0.3477,

 0.4672, 0.6642,

0.3364

315.9809, 0.3456,
0.3361

0.3358

0.0000, 0.0000,
0.0000

47.0479, 0.3754,
0.3409

47.0479, 0.3754,
0.3409

39.7003, 0.4060,
0.3451

55.5952, 0.3500,
0.3367

33.4922, 0.4420,
0.3488

65.3857, 0.3292,
0.3326

28.3681, 0.4829,
0.3515

76.4689, 0.3122,
0.3289

24.2653, 0.5265,
0.3524

88.8895, 0.2982,
0.3254

21.1146, 0.5686,
0.3507

94.9080, 0.2952,
0.3289

■ 18.8378, 0.6034,
0.3463

■ 17.3385, 0.6268,
0.3401

■ 17.2972, 0.6275,
0.3400

Harmonies

Analogous

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



47.0479, 0.3560, 0.3138



47.0479, 0.3754, 0.3409



47.0479, 0.3768, 0.3666

Triad

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



47.0479, 0.3754, 0.3409



47.0479, 0.2984, 0.3718



47.0479, 0.2656, 0.2757

Complementary

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



47.0479, 0.3754, 0.3409



61.9713, 0.2687, 0.3167

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.



47.0479, 0.2522, 0.2875



47.0479, 0.3754, 0.3409



47.0479, 0.2703, 0.3432

Square

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



47.0479, 0.3754, 0.3409



47.0479, 0.3313, 0.3870



47.0479, 0.2538, 0.3118



47.0479, 0.2917, 0.2774

Rectangle

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



47.0479, 0.3754, 0.3409



47.0479, 0.3676, 0.3798



47.0479, 0.2538, 0.3118



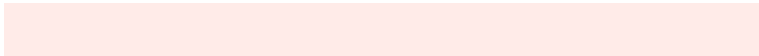
47.0479, 0.2596, 0.2781

Sweetspot

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



47.0501, 0.3754, 0.3409



86.7788, 0.3281, 0.3324



45.9795, 0.3238, 0.2644



18.1451, 0.3309, 0.3330



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.



47.0501, 0.3754, 0.3409



55.3183, 0.3950, 0.3437



60.6468, 0.3648, 0.3774



14.0291, 0.3288, 0.3326



9.9750, 0.6255, 0.3415



0.7964, 0.5996, 0.3621

Inverse Universe

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



61.9713, 0.2687, 0.3167



78.1130, 0.2599, 0.3136



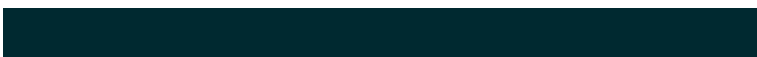
46.9645, 0.2641, 0.2752



15.2053, 0.2982, 0.3254



24.8439, 0.2114, 0.2811



1.8180, 0.2137, 0.2892

Previews

White Background



This preview shows how the Yxy color 47.0479, 0.3754, 0.3409 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 47.0479, 0.3754, 0.3409 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

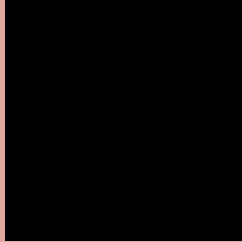
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.0479, 0.3754, 0.3409

Background



This preview shows how black text looks on a background with the Yxy color 47.0479, 0.3754, 0.3409.



This preview shows how white text looks on a background with the Yxy color 47.0479, 0.3754, 0.3409.

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

47.0479, 0.3754, 0.3409

Protanopia

47.1562, 0.3326, 0.3498

Deuteranopia

47.0746, 0.3582, 0.3514



Tritanopia

47.0211, 0.3592, 0.3141

Trichromacy



Original Color

47.0479, 0.3754, 0.3409

Protanomaly

46.7851, 0.3480, 0.3467

Deuteranomaly

46.8028, 0.3647, 0.3474

Tritanomaly

46.9469, 0.3646, 0.3233

Monochromacy



Original Color

47.0479, 0.3754, 0.3409

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

47.6541, 0.3337, 0.3328

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.0479, 0.3754, 0.3409 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(226, 169, 159)` looks like.

```
.text, #text, p{  
  color:rgb(226, 169, 159)  
}
```

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(226, 169, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 169, 159) }
```

Border

The CSS property to change the border of an element to Yxy 47.0479, 0.3754, 0.3409 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(226, 169, 159) }
```

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

```
.border{ border-color:rgb(226, 169, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 169, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 169, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 169, 159);  
box-shadow:4px 4px 4px 4px rgb(226, 169,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 47.0479, 0.3754, 0.3409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 169, 159) }
```

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

```
.background{ background-color: rgb(226,  
169, 159) }
```

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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