

Converting Colors

$Y_{xy}(47.2222, 0.3829, 0.3505)$

Have a look what the booklet for
Yxy(47.2222, 0.3829, 0.3505)
contains.

Yxy(47.3473, 0.3826, 0.3502)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(47.3473, 0.3826, 0.3502)

Conversions

Conversions Part 1

Format	Color
Hex	E3AA98
RGB	227, 170, 152
RGB Percent	89%, 67%, 60%
CMY	0.1097, 0.3334, 0.4038
CMYK	0.00, 0.25, 0.33, 0.11
HSL	14°, 57%, 74%
HSV	14°, 33%, 89%
XYZ	51.7278, 47.3473, 36.1256
YIQ	184.9910, 39.7500, 6.4860

Conversions

Conversions Part 2

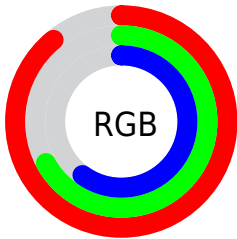
Format	Color
R _Y B	227, 176, 152
Decimal	14920344
CIE Lab	74.41, 18.52, 17.42
CIE LCh	74, 25.428, 43.255
Yxy	47.3473, 0.3826, 0.3502
Android (android.graphics.Color)	4293110424 (0xFFE3AA98)
YUV	184.9910, -16.2646, 36.8419
Hunter-Lab	68.8094, 13.7719, 17.0387

Details

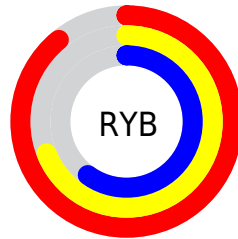
The Yxy color $47.3473, 0.3826, 0.3502$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $57.8504, 0.2630, 0.3065$, and the grayscale version is $48.5885, 0.3127, 0.3290$.

A 20% lighter version of the original color is $79.5667, 0.3472, 0.3483$, and $22.4425, 0.4023, 0.3554$ is the 20% darker color. If you saturate the color by 10%, you get $40.6230, 0.4129, 0.3567$, and if you desaturate by 10%, it is $55.0683, 0.3569, 0.3435$.

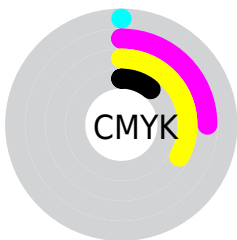
Distribution



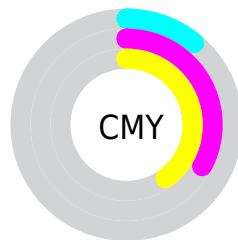
- Red (89%)
- Green (67%)
- Blue (60%)



- Red (89%)
- Yellow (69%)
- Blue (60%)



- Cyan (0%)
- Magenta (25%)
- Yellow (33%)
- Black (11%)




- Cyan (11%)
- Magenta (33%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.3473, 0.3826, 0.3502 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 47.3473, 0.3826, 0.3502 by changing the saturation by 10% instead.


 47.3473, 0.3826,
0.3502

 47.3473, 0.3826,
0.3502


376.1991, 0.3474,
0.3406

 33.3103, 0.3914,
0.3523


 86.2318, 0.3698,
0.3470

 22.3643, 0.4027,
0.3547


 111.8481, 0.3650,
0.3457

 14.1248, 0.4176,
0.3576


142.0929, 0.3609,
0.3445

 8.2075, 0.4384,
0.3608

177.3507, 0.3575,
0.3436

 4.2280, 0.4687,
0.3641

218.0058, 0.3544,
0.3427

 1.8019, 0.5231,
0.3702

264.4426, 0.3518,

 0.4884, 0.6529,

0.3419

0.3471

317.0456, 0.3495,
0.3412

0.0000, 0.0000,
0.0000

47.3473, 0.3826,
0.3502

47.3473, 0.3826,
0.3502

40.6230, 0.4129,
0.3567

55.0683, 0.3569,
0.3435

34.8476, 0.4477,
0.3624

63.8178, 0.3354,
0.3370

29.9794, 0.4862,
0.3664

73.6345, 0.3175,
0.3308

25.9709, 0.5263,
0.3676

84.5530, 0.3026,
0.3251

22.7698, 0.5642,
0.3650

95.0750, 0.2958,
0.3290

■ 20.3176, 0.5953,
0.3584

■ 19.0112, 0.6120,
0.3523

Harmonies

Analogous

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



47.3473, 0.3671, 0.3211



47.3473, 0.3826, 0.3502



47.3473, 0.3780, 0.3760

Triad

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



47.3473, 0.3826, 0.3502



47.3473, 0.2873, 0.3669



47.3473, 0.2695, 0.2712

Complementary

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



47.3473, 0.3826, 0.3502



57.8504, 0.2630, 0.3065

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.



47.3473, 0.2507, 0.2793



47.3473, 0.3826, 0.3502



47.3473, 0.2605, 0.3337

Square

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



47.3473, 0.3826, 0.3502



47.3473, 0.3220, 0.3886



47.3473, 0.2476, 0.3014



47.3473, 0.3003, 0.2771

Rectangle

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



47.3473, 0.3826, 0.3502



47.3473, 0.3645, 0.3878



47.3473, 0.2476, 0.3014



47.3473, 0.2616, 0.2722

Sweetspot

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



47.3495, 0.3826, 0.3502



86.7122, 0.3298, 0.3351



43.4269, 0.3321, 0.2647



18.1849, 0.3324, 0.3360



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.



47.3495, 0.3826, 0.3502



55.1797, 0.4040, 0.3550



63.2397, 0.3691, 0.3911



14.9259, 0.3286, 0.3347



11.2358, 0.6095, 0.3543



0.9722, 0.5811, 0.3768

Inverse Universe

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



57.8504, 0.2630, 0.3065



70.8962, 0.2530, 0.3008



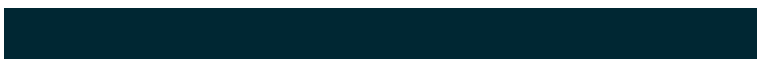
41.7374, 0.2569, 0.2578



15.7203, 0.2981, 0.3232



20.7651, 0.2027, 0.2498



1.6755, 0.2063, 0.2627

Previews

White Background



This preview shows how the Yxy color 47.3473, 0.3826, 0.3502 looks on a white background.

Color Contrast Check

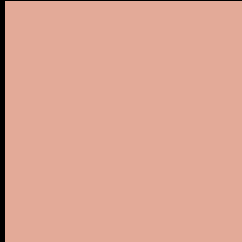
Large Text (above 18pt) WCAG AA × Fail

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 47.3473, 0.3826, 0.3502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

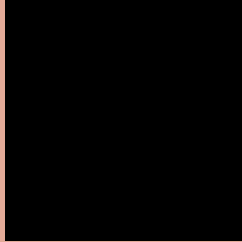
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.3473, 0.3826, 0.3502

Background



This preview shows how black text looks on a background with the Yxy color 47.3473, 0.3826, 0.3502.

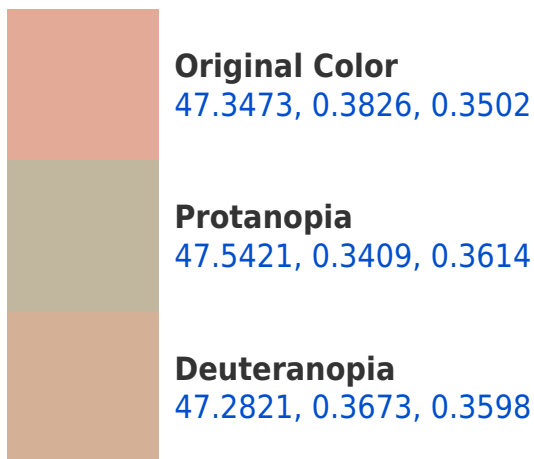


This preview shows how white text looks on a background with the Yxy color 47.3473, 0.3826, 0.3502.

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





Tritanopia

47.3501, 0.3611, 0.3143

Trichromacy



Original Color

47.3473, 0.3826, 0.3502

Protanomaly

47.2202, 0.3557, 0.3566

Deuteranomaly

47.2582, 0.3727, 0.3569

Tritanomaly

47.1600, 0.3694, 0.3269

Monochromacy



Original Color

47.3473, 0.3826, 0.3502

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

47.9390, 0.3360, 0.3378

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.3473, 0.3826, 0.3502 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(227, 170, 152)` looks like.

```
.text, #text, p{  
    color:rgb(227, 170, 152)  
}
```

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(227, 170, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 170, 152) }
```

Border

The CSS property to change the border of an element to Yxy 47.3473, 0.3826, 0.3502 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(227, 170, 152) }
```

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

```
.border{ border-color:rgb(227, 170, 152) }
```

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

Here you see how a box with a 4 pixel rgb(227, 170, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 170, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 170, 152);  
box-shadow:4px 4px 4px 4px rgb(227, 170,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 47.3473, 0.3826, 0.3502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 170, 152) }
```

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

```
.background{ background-color: rgb(227,  
170, 152) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor