

Converting Colors

$Y_{xy}(43.9322, 0.4173, 0.3770)$

Have a look what the booklet for
Yxy(43.9322, 0.4173, 0.3770)
contains.

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Color

Yxy(43.8792, 0.4177, 0.3765)

Conversions

Conversions Part 1

Format	Color
Hex	E5A279
RGB	229, 162, 121
RGB Percent	90%, 64%, 47%
CMY	0.1020, 0.3647, 0.5256
CMYK	0.00, 0.29, 0.47, 0.10
HSL	23°, 67%, 69%
HSV	23°, 47%, 90%
XYZ	48.6809, 43.8792, 23.9850
YIQ	177.3590, 53.0930, 1.4530

Conversions

Conversions Part 2

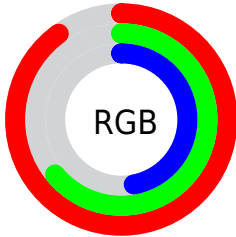
Format	Color
R _Y B	229, 187, 121
Decimal	15049337
CIE Lab	72.15, 20.10, 31.19
CIE LCh	72, 37.106, 57.203
Yxy	43.8792, 0.4177, 0.3765
Android (android.graphics.Color)	4293239417 (0xFFE5A279)
YUV	177.3590, -27.7850, 45.2892
Hunter-Lab	66.2414, 15.2574, 24.9010

Details

The Yxy color **43.8792, 0.4177, 0.3765** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **45.6660, 0.2402, 0.2743**, and the grayscale version is **44.2933, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.9417, 0.3721, 0.3733**, and **20.2777, 0.4473, 0.3853** is the 20% darker color. If you saturate the color by 10%, you get **38.6610, 0.4490, 0.3851**, and if you desaturate by 10%, it is **49.7999, 0.3894, 0.3666**.

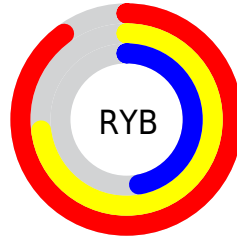
Distribution



Red (90%)

Green (64%)

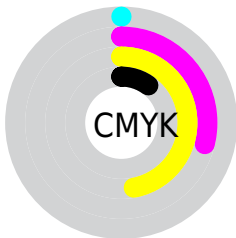
Blue (47%)



Red (90%)

Yellow (73%)

Blue (47%)

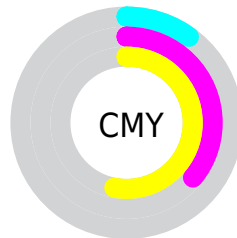


Cyan (0%)

Magenta (29%)

Yellow (47%)

Black (10%)



Cyan (10%)


Magenta (36%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.8792, 0.4177, 0.3765 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 43.8792, 0.4177, 0.3765 by changing the saturation by 10% instead.


 43.8792, 0.4177,
0.3765

 43.8792, 0.4177,
0.3765


362.2151, 0.3646,
0.3550


 30.5756, 0.4308,
0.3809


 81.0359, 0.3984,
0.3693

 20.2759, 0.4475,
0.3860


 105.6578, 0.3912,
0.3665

 12.5957, 0.4691,
0.3916


 134.8212, 0.3851,
0.3639

 7.1508, 0.4979,
0.3970

168.9106, 0.3798,
0.3617

 3.5566, 0.5415,
0.4031

208.3102, 0.3752,
0.3597

 1.4287, 0.6009,
0.3991

253.4046, 0.3713,

 0.2378, 0.7509,

0.3580

0.2491

304.5781, 0.3677,
0.3564

0.0000, 0.0000,
0.0000

43.8792, 0.4177,
0.3765

43.8792, 0.4177,
0.3765

38.6610, 0.4490,
0.3851

49.7999, 0.3894,
0.3666

34.1106, 0.4822,
0.3911

56.4432, 0.3644,
0.3561

30.1995, 0.5153,
0.3932

63.8360, 0.3428,
0.3457

26.8941, 0.5459,
0.3903

72.0022, 0.3243,
0.3358

24.1556, 0.5711,
0.3823

80.9642, 0.3085,
0.3264

■ 23.4723, 0.5776,
0.3796

■ 90.5247, 0.2969,
0.3211

■ 95.3962, 0.2970,
0.3290

Harmonies

Analogous

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



43.8792, 0.4090, 0.3352



43.8792, 0.4177, 0.3765



43.8792, 0.3960, 0.4107

Triad

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



43.8792, 0.4177, 0.3765



43.8792, 0.2541, 0.3638



43.8792, 0.2677, 0.2471

Complementary

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



43.8792, 0.4177, 0.3765



45.6660, 0.2402, 0.2743

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.



43.8792, 0.2324, 0.2480



43.8792, 0.4177, 0.3765



43.8792, 0.2248, 0.3106

Square

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



43.8792, 0.4177, 0.3765



43.8792, 0.3005, 0.4087



43.8792, 0.2174, 0.2693



43.8792, 0.3182, 0.2642

Rectangle

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



43.8792, 0.4177, 0.3765



43.8792, 0.3686, 0.4235



43.8792, 0.2174, 0.2693



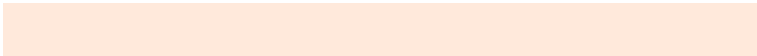
43.8792, 0.2539, 0.2453

Sweetspot

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



43.8813, 0.4177, 0.3765



84.5907, 0.3368, 0.3426



34.0161, 0.3589, 0.2524



17.6356, 0.3410, 0.3448



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.



43.8813, 0.4177, 0.3765



49.2422, 0.4495, 0.3852



66.4270, 0.3890, 0.4310



15.2609, 0.3283, 0.3380



13.6363, 0.5748, 0.3818



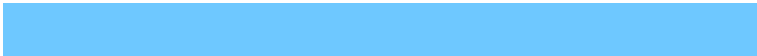
1.1824, 0.5475, 0.4035

Inverse Universe

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



45.6660, 0.2402, 0.2743



51.7185, 0.2264, 0.2599



27.1535, 0.2266, 0.2002



15.3682, 0.2981, 0.3199



14.5345, 0.1889, 0.1998



1.2519, 0.1947, 0.2207

Previews

White Background



This preview shows how the Yxy color 43.8792, 0.4177, 0.3765 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 43.8792, 0.4177, 0.3765 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

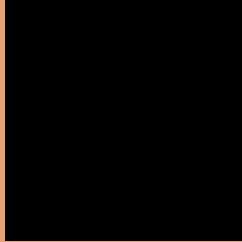
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.8792, 0.4177, 0.3765

Background



This preview shows how black text looks on a background with the Yxy color 43.8792, 0.4177, 0.3765.



This preview shows how white text looks on a background with the Yxy color 43.8792, 0.4177, 0.3765.

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

43.8792, 0.4177, 0.3765

Protanopia

44.0530, 0.3680, 0.3951

Deuteranopia

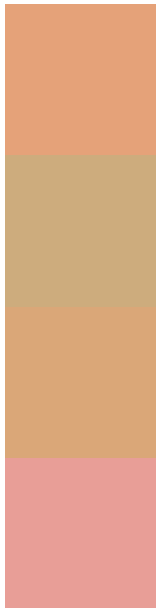
44.0784, 0.3986, 0.3917



Tritanopia

43.9277, 0.3775, 0.3155

Trichromacy



Original Color

43.8792, 0.4177, 0.3765

Protanomaly

43.9649, 0.3855, 0.3884

Deuteranomaly

43.8989, 0.4052, 0.3856

Tritanomaly

43.8439, 0.3931, 0.3373

Monochromacy



Original Color

43.8792, 0.4177, 0.3765

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.6751, 0.3480, 0.3485

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.8792, 0.4177, 0.3765 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(229, 162, 121)` looks like.

```
.text, #text, p{  
    color:rgb(229, 162, 121)  
}
```

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(229, 162, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 162, 121) }
```

Border

The CSS property to change the border of an element to Yxy 43.8792, 0.4177, 0.3765 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(229, 162, 121) }
```

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

```
.border{ border-color:rgb(229, 162, 121) }
```

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

Here you see how a box with a 4 pixel rgb(229, 162, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 162, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 162, 121);  
box-shadow:4px 4px 4px 4px rgb(229, 162,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 43.8792, 0.4177, 0.3765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 162, 121) }
```

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

```
.background{ background-color: rgb(229,  
162, 121) }
```

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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