

Converting Colors

$Y_{xy}(43.2215, 0.4229, 0.3822)$

Have a look what the booklet for
Yxy(43.2215, 0.4229, 0.3822)
contains.

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Color

Yxy(43.2215, 0.4229, 0.3822)

Conversions

Conversions Part 1

Format	Color
Hex	E4A173
RGB	228, 161, 115
RGB Percent	89%, 63%, 45%
CMY	0.1061, 0.3685, 0.5490
CMYK	0.00, 0.29, 0.50, 0.11
HSL	24°, 68%, 67%
HSV	24°, 50%, 89%
XYZ	47.8241, 43.2215, 22.0405
YIQ	175.7890, 54.6980, -0.1020

Conversions

Conversions Part 2

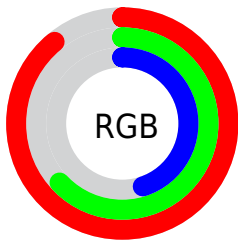
Format	Color
R _Y B	228, 193, 115
Decimal	14983539
CIE Lab	71.71, 19.65, 33.78
CIE LCh	72, 39.081, 59.821
Yxy	43.2215, 0.4229, 0.3822
Android (android.graphics.Color)	4293173619 (0xFFE4A173)
YUV	175.7890, -29.9690, 45.7890
Hunter-Lab	65.7431, 14.7976, 26.1431

Details

The Yxy color **43.2215, 0.4229, 0.3822** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **42.6705, 0.2360, 0.2666**, and the grayscale version is **43.4386, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.1989, 0.3768, 0.3785**, and **19.8767, 0.4544, 0.3922** is the 20% darker color. If you saturate the color by 10%, you get **38.2925, 0.4537, 0.3909**, and if you desaturate by 10%, it is **48.7945, 0.3946, 0.3718**.

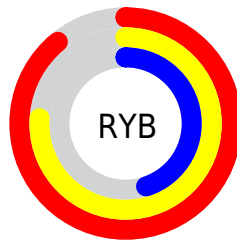
Distribution



Red (89%)

Green (63%)

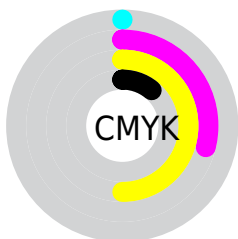
Blue (45%)



Red (89%)

Yellow (76%)

Blue (45%)

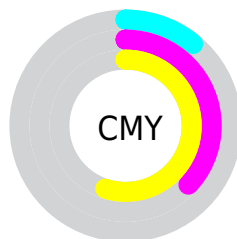


Cyan (0%)

Magenta (29%)

Yellow (50%)

Black (11%)



Cyan (11%)


Magenta (37%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.2215, 0.4229, 0.3822 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 43.2215, 0.4229, 0.3822 by changing the saturation by 10% instead.


 43.2215, 0.4229,
0.3822

 43.2215, 0.4229,
0.3822


359.5219, 0.3672,
0.3581

 30.0589, 0.4366,
0.3871


 80.0450, 0.4027,
0.3742

 19.8833, 0.4538,
0.3927


 104.4747, 0.3951,
0.3710

 12.3103, 0.4761,
0.3988


 133.4290, 0.3887,
0.3681

 6.9554, 0.5055,
0.4044

167.2922, 0.3832,
0.3656

 3.4342, 0.5548,
0.4145

206.4487, 0.3784,
0.3634

 1.3624, 0.6002,
0.3998

251.2828, 0.3742,

 0.1888, 0.7773,

0.3615

0.2227

302.1791, 0.3705,
0.3597

0.0000, 0.0000,
0.0000

43.2215, 0.4229,
0.3822

43.2215, 0.4229,
0.3822

38.2925, 0.4537,
0.3909

48.7945, 0.3946,
0.3718

33.9753, 0.4857,
0.3968

55.0293, 0.3694,
0.3607

30.2439, 0.5171,
0.3983

61.9508, 0.3474,
0.3495

27.0672, 0.5454,
0.3947

69.5804, 0.3284,
0.3387

24.4044, 0.5688,
0.3862

77.9388, 0.3120,
0.3286

■ 24.2959, 0.5698,
0.3858

■ 87.0456, 0.2980,
0.3191

■ 95.2270, 0.2964,
0.3290

Harmonies

Analogous

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



43.2215, 0.4168, 0.3389



43.2215, 0.4229, 0.3822



43.2215, 0.3972, 0.4175

Triad

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



43.2215, 0.4229, 0.3822



43.2215, 0.2472, 0.3608



43.2215, 0.2693, 0.2438

Complementary

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



43.2215, 0.4229, 0.3822



42.6705, 0.2360, 0.2666

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.



43.2215, 0.2305, 0.2427



43.2215, 0.4229, 0.3822



43.2215, 0.2185, 0.3047

Square

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



43.2215, 0.4229, 0.3822



43.2215, 0.2948, 0.4107



43.2215, 0.2129, 0.2629



43.2215, 0.3234, 0.2632

Rectangle

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



43.2215, 0.4229, 0.3822



43.2215, 0.3671, 0.4299



43.2215, 0.2129, 0.2629



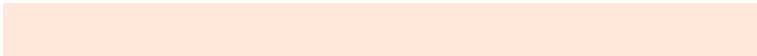
43.2215, 0.2542, 0.2412

Sweetspot

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



43.2236, 0.4229, 0.3822



84.1593, 0.3386, 0.3446



32.1574, 0.3666, 0.2528



17.5736, 0.3427, 0.3469



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.



43.2236, 0.4229, 0.3822



49.4904, 0.4531, 0.3908



67.1760, 0.3908, 0.4390



15.3275, 0.3282, 0.3386



14.2545, 0.5671, 0.3879



1.2321, 0.5407, 0.4089

Inverse Universe

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



42.6705, 0.2360, 0.2666



48.6441, 0.2226, 0.2515



24.2407, 0.2208, 0.1874



15.2998, 0.2981, 0.3192



13.4942, 0.1861, 0.1901



1.1787, 0.1923, 0.2124

Previews

White Background



This preview shows how the Yxy color 43.2215, 0.4229, 0.3822 looks on a white background.

Color Contrast Check

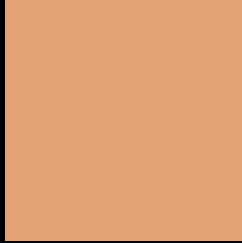
Large Text (above 18pt) WCAG AA × Fail

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 43.2215, 0.4229, 0.3822 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

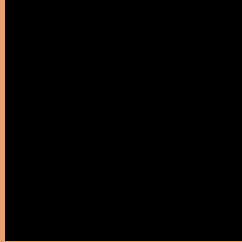
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.2215, 0.4229, 0.3822

Background



This preview shows how black text looks on a background with the Yxy color 43.2215, 0.4229, 0.3822.



This preview shows how white text looks on a background with the Yxy color 43.2215, 0.4229, 0.3822.

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

43.2215, 0.4229, 0.3822

Protanopia

43.3783, 0.3726, 0.4019

Deuteranopia

43.2172, 0.4042, 0.3953



Tritanopia

43.0202, 0.3792, 0.3154

Trichromacy



Original Color

43.2215, 0.4229, 0.3822

Protanomaly

43.2951, 0.3903, 0.3949

Deuteranomaly

43.0306, 0.4118, 0.3902

Tritanomaly

43.2095, 0.3966, 0.3408

Monochromacy



Original Color

43.2215, 0.4229, 0.3822

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.0610, 0.3500, 0.3513

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.2215, 0.4229, 0.3822 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(228, 161, 115)` looks like.

```
.text, #text, p{  
    color:rgb(228, 161, 115)  
}
```

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(228, 161, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 161, 115) }
```

Border

The CSS property to change the border of an element to Yxy 43.2215, 0.4229, 0.3822 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(228, 161, 115) }
```

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

```
.border{ border-color:rgb(228, 161, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 161, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(228, 161, 115); -webkit-box-shadow:4px 4px 4px 4px rgb(228, 161, 115); box-shadow:4px 4px 4px 4px rgb(228, 161, 115) }
```


Background

The CSS property to change the background color of an element to Yxy 43.2215, 0.4229, 0.3822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 161, 115) }
```

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

```
.background{ background-color: rgb(228,  
161, 115) }
```

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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