

Converting Colors

$Yxy(24.4546, 0.3972, 0.3563)$

Have a look what the booklet for
Yxy(24.4546, 0.3972, 0.3563)
contains.

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Color

Yxy(24.4546, 0.3972, 0.3563)

Conversions

Conversions Part 1

Format	Color
Hex	AE7C6A
RGB	174, 124, 106
RGB Percent	68%, 49%, 42%
CMY	0.3177, 0.5137, 0.5843
CMYK	0.00, 0.29, 0.39, 0.32
HSL	16°, 30%, 55%
HSV	16°, 39%, 68%
XYZ	27.2618, 24.4546, 16.9185
YIQ	136.8980, 35.5780, 5.0020

Conversions

Conversions Part 2

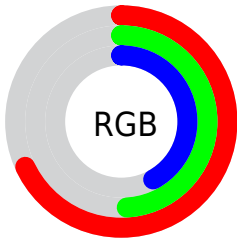
Format	Color
RYB	174, 130, 106
Decimal	11435114
CIELab	56.54, 17.07, 17.55
CIELCh	57, 24.480, 45.790
Yxy	24.4546, 0.3972, 0.3563
Android (android.graphics.Color)	4289625194 (0xFFAE7C6A)
YUV	136.8980, -15.2327, 32.5385
Hunter-Lab	49.4516, 11.8635, 14.3317

Details

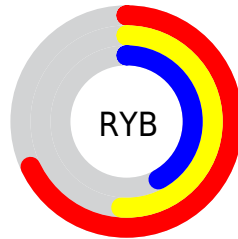
The Yxy color **24.4546, 0.3972, 0.3563** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **29.8859, 0.2551, 0.2994**, and the grayscale version is **25.0247, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.8675, 0.3791, 0.3521**, and **9.3410, 0.4292, 0.3628** is the 20% darker color. If you saturate the color by 10%, you get **21.1292, 0.4286, 0.3630**, and if you desaturate by 10%, it is **28.2715, 0.3700, 0.3491**.

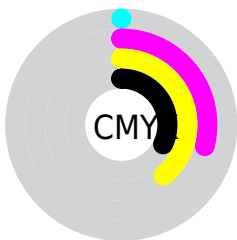
Distribution



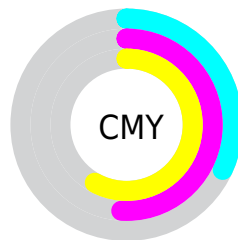
- Red (68%)
- Green (49%)
- Blue (42%)



- Red (68%)
- Yellow (51%)
- Blue (42%)



- Cyan (0%)
- Magenta (29%)
- Yellow (39%)
- Black (32%)



- Cyan (32%)
- Magenta (51%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.4546, 0.3972, 0.3563 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 24.4546, 0.3972, 0.3563 by changing the saturation by 10% instead.


 24.4546, 0.3972,
0.3563


 24.4546, 0.3972,
0.3563


275.1108, 0.3501,
0.3426


 15.6712, 0.4108,
0.3595


 50.7710, 0.3788,
0.3514

 9.2918, 0.4294,
0.3633


 69.0728, 0.3723,
0.3496

 4.9320, 0.4563,
0.3675

 91.3162, 0.3669,
0.3480

 2.2074, 0.4989,
0.3719

 117.8856, 0.3624,
0.3466

 0.7240, 0.6102,
0.3898

149.1654, 0.3586,
0.3454

 0.0000, 1.0000,
0.0000

185.5399, 0.3554,

 0.0000, 0.0000,

0.3444

0.0000

227.3936, 0.3525,
0.3435

■ 24.4546, 0.3972,
0.3563

■ 24.4546, 0.3972,
0.3563

■ 21.1292, 0.4286,
0.3630

■ 28.2715, 0.3700,
0.3491

■ 18.2715, 0.4639,
0.3685

■ 32.5955, 0.3470,
0.3419

■ 15.8607, 0.5018,
0.3717


■ 37.4458, 0.3276,
0.3349


■ 13.8733, 0.5396,
0.3715

■ 42.8396, 0.3113,
0.3284

■ 12.2830, 0.5737,
0.3672


■ 48.7932, 0.2977,
0.3224


 11.0560, 0.6012,
0.3595

 55.3223, 0.2862,
0.3169

 10.9585, 0.6037,
0.3589

 62.4419, 0.2765,
0.3119

 70.1665, 0.2683,
0.3074

 78.0121, 0.2650,
0.3113

Harmonies

Analogous

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



24.4546, 0.3805, 0.3220



24.4546, 0.3972, 0.3563



24.4546, 0.3892, 0.3868

Triad

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



24.4546, 0.3972, 0.3563



24.4546, 0.2789, 0.3718



24.4546, 0.2637, 0.2604

Complementary

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



24.4546, 0.3972, 0.3563



29.8859, 0.2551, 0.2994

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.



24.4546, 0.2404, 0.2681



24.4546, 0.3972, 0.3563



24.4546, 0.2485, 0.3307

Square

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



24.4546, 0.3972, 0.3563



24.4546, 0.3197, 0.3999



24.4546, 0.2350, 0.2926



24.4546, 0.3011, 0.2690

Rectangle

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



24.4546, 0.3972, 0.3563



24.4546, 0.3717, 0.4005



24.4546, 0.2350, 0.2926



24.4546, 0.2541, 0.2611

Sweetspot

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



24.4558, 0.3972, 0.3563



65.0725, 0.3333, 0.3371



21.7384, 0.3375, 0.2557



14.2117, 0.3357, 0.3379



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



24.4558, 0.3972, 0.3563



39.0376, 0.4245, 0.3622



34.1467, 0.3787, 0.4027



8.3477, 0.3280, 0.3351



8.0353, 0.6017, 0.3604



0.3136, 0.5429, 0.4071

Inverse Universe

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



29.8859, 0.2551, 0.2994



50.2593, 0.2436, 0.2916



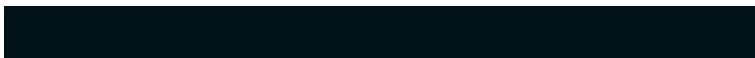
20.2841, 0.2466, 0.2420



8.7075, 0.2986, 0.3229



13.4950, 0.2006, 0.2421



0.4585, 0.2088, 0.2715

Previews

White Background



This preview shows how the Yxy color 24.4546, 0.3972, 0.3563 looks on a white background.

Color Contrast Check

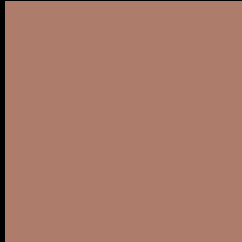
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.4546, 0.3972, 0.3563 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

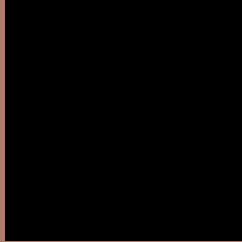
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.4546, 0.3972, 0.3563

Background



This preview shows how black text looks on a background with the Yxy color 24.4546, 0.3972, 0.3563.



This preview shows how white text looks on a background with the Yxy color 24.4546, 0.3972, 0.3563.

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

24.4546, 0.3972, 0.3563

Protanopia

24.6853, 0.3488, 0.3715

Deuteranopia

24.3561, 0.3765, 0.3693



Tritanopia

24.5166, 0.3707, 0.3158

Trichromacy



Original Color

24.4546, 0.3972, 0.3563

Protanomaly

24.5752, 0.3660, 0.3667

Deuteranomaly

24.3508, 0.3838, 0.3654

Tritanomaly

24.4135, 0.3805, 0.3307

Monochromacy



Original Color

24.4546, 0.3972, 0.3563

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

24.4929, 0.3404, 0.3390

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.4546, 0.3972, 0.3563 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(174, 124, 106)` looks like.

```
.text, #text, p{  
    color:rgb(174, 124, 106)  
}
```

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(174, 124, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 124, 106) }
```

Border

The CSS property to change the border of an element to Yxy 24.4546, 0.3972, 0.3563 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(174, 124, 106) }
```

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

```
.border{ border-color:rgb(174, 124, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 124, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 124, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 124, 106);  
box-shadow:4px 4px 4px 4px rgb(174, 124,  
106) }
```


Background

The CSS property to change the background color of an element to Yxy 24.4546, 0.3972, 0.3563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 124, 106) }
```

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

```
.background{ background-color: rgb(174,  
124, 106) }
```

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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