

Converting Colors

$Yxy(24.9437, 0.3846, 0.3448)$

Have a look what the booklet for
Yxy(24.9437, 0.3846, 0.3448)
contains.

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Color

Yxy(24.9037, 0.3854, 0.3442)

Conversions

Conversions Part 1

Format	Color
Hex	AE7D73
RGB	174, 125, 115
RGB Percent	68%, 49%, 45%
CMY	0.3177, 0.5098, 0.5489
CMYK	0.00, 0.28, 0.34, 0.32
HSL	10°, 27%, 57%
HSV	10°, 34%, 68%
XYZ	27.8846, 24.9037, 19.5641
YIQ	138.5110, 32.4140, 7.2780

Conversions

Conversions Part 2

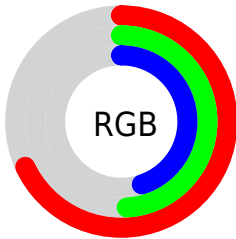
Format	Color
RYB	174, 127, 115
Decimal	11435379
CIELab	56.98, 17.66, 12.97
CIElCh	57, 21.913, 36.301
Yxy	24.9037, 0.3854, 0.3442
Android (android.graphics.Color)	4289625459 (0xFFAE7D73)
YUV	138.5110, -11.5909, 31.1239
Hunter-Lab	49.9036, 12.4091, 11.6886

Details

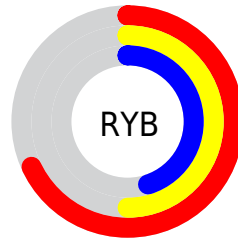
The Yxy color $24.9037, 0.3854, 0.3442$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $33.2610, 0.2635, 0.3131$, and the grayscale version is $25.6583, 0.3127, 0.3290$.

A 20% lighter version of the original color is $51.6197, 0.3697, 0.3417$, and $9.5672, 0.4129, 0.3483$ is the 20% darker color. If you saturate the color by 10%, you get $21.1436, 0.4169, 0.3487$, and if you desaturate by 10%, it is $29.2746, 0.3589, 0.3395$.

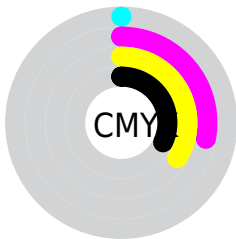
Distribution



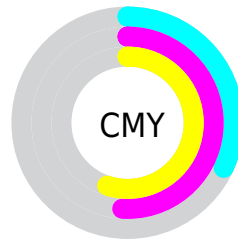
- Red (68%)
- Green (49%)
- Blue (45%)



- Red (68%)
- Yellow (50%)
- Blue (45%)



- Cyan (0%)
- Magenta (28%)
- Yellow (34%)
- Black (32%)





- Cyan (32%)
- Magenta (51%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.9037, 0.3854, 0.3442 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 24.9037, 0.3854, 0.3442 by changing the saturation by 10% instead.


 24.9037, 0.3854,
0.3442

 24.9037, 0.3854,
0.3442


277.3580, 0.3449,
0.3368


 16.0053, 0.3971,
0.3458


 51.5010, 0.3696,
0.3416

 9.5279, 0.4132,
0.3477


 69.9686, 0.3640,
0.3406

 5.0871, 0.4367,
0.3496

 92.3948, 0.3594,
0.3398

 2.2985, 0.4737,
0.3507

119.1640, 0.3555,
0.3390

 0.7729, 0.6100,
0.3900

150.6605, 0.3523,
0.3384

 0.0000, 1.0000,
0.0000

187.2688, 0.3495,

 0.0000, 0.0000,

0.3378

0.0000

229.3731, 0.3470,
0.3373

■ 24.9037, 0.3854,
0.3442

■ 24.9037, 0.3854,
0.3442

■ 21.1436, 0.4169,
0.3487

■ 29.2746, 0.3589,
0.3395

■ 17.9634, 0.4535,
0.3526

■ 34.2780, 0.3370,
0.3349

■ 15.3351, 0.4941,
0.3551

■ 39.9393, 0.3189,
0.3306


■ 13.2269, 0.5363,
0.3555


■ 46.2811, 0.3039,
0.3266


■ 11.6035, 0.5757,
0.3530


■ 53.3251, 0.2916,
0.3229

 10.4252, 0.6072,
0.3475

 61.0919, 0.2813,
0.3196

 9.8990, 0.6223,
0.3441

 69.6015, 0.2728,
0.3166

 78.8728, 0.2656,
0.3139

 87.7386, 0.2671,
0.3289

Harmonies

Analogous

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



24.9037, 0.3643, 0.3135



24.9037, 0.3854, 0.3442



24.9037, 0.3854, 0.3733

Triad

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



24.9037, 0.3854, 0.3442



24.9037, 0.2937, 0.3765



24.9037, 0.2607, 0.2681

Complementary

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



24.9037, 0.3854, 0.3442



33.2610, 0.2635, 0.3131

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.



24.9037, 0.2445, 0.2801



24.9037, 0.3854, 0.3442



24.9037, 0.2626, 0.3426

Square

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



24.9037, 0.3854, 0.3442



24.9037, 0.3312, 0.3954



24.9037, 0.2451, 0.3067



24.9037, 0.2910, 0.2712

Rectangle

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



24.9037, 0.3854, 0.3442



24.9037, 0.3738, 0.3880



24.9037, 0.2451, 0.3067



24.9037, 0.2535, 0.2704

Sweetspot

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



24.9049, 0.3854, 0.3442



65.8526, 0.3298, 0.3333



23.9522, 0.3277, 0.2590



14.3293, 0.3324, 0.3339



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.



24.9049, 0.3854, 0.3442



39.7403, 0.4096, 0.3478



33.4609, 0.3713, 0.3863



8.2262, 0.3282, 0.3329



7.2417, 0.6208, 0.3453



0.2659, 0.5709, 0.3849

Inverse Universe

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



33.2610, 0.2635, 0.3131



57.2949, 0.2534, 0.3088



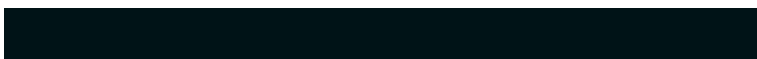
23.9421, 0.2572, 0.2639



8.8380, 0.2986, 0.3251



16.8826, 0.2097, 0.2750



0.5297, 0.2147, 0.2930

Previews

White Background



This preview shows how the Yxy color 24.9037, 0.3854, 0.3442 looks on a white background.

Color Contrast Check

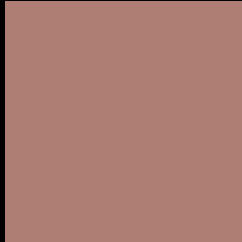
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.9037, 0.3854, 0.3442 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

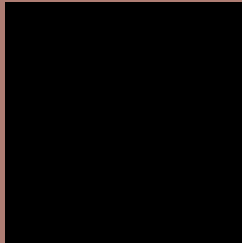
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.9037, 0.3854, 0.3442

Background



This preview shows how black text looks on a background with the Yxy color 24.9037, 0.3854, 0.3442.



This preview shows how white text looks on a background with the Yxy color 24.9037, 0.3854, 0.3442.

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

24.9037, 0.3854, 0.3442

Protanopia

25.1114, 0.3364, 0.3561

Deuteranopia

24.9865, 0.3638, 0.3581



Tritanopia

25.0620, 0.3674, 0.3159

Trichromacy



Original Color

24.9037, 0.3854, 0.3442

Protanomaly

24.9770, 0.3529, 0.3519

Deuteranomaly

24.8079, 0.3725, 0.3527

Tritanomaly

25.0356, 0.3733, 0.3262

Monochromacy



Original Color

24.9037, 0.3854, 0.3442

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.3373, 0.3378, 0.3356

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.9037, 0.3854, 0.3442 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, 125, 115)` looks like.

```
.text, #text, p{  
    color:rgb(174, 125, 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(174, 125, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 125, 115) }
```

Border

The CSS property to change the border of an element to Yxy 24.9037, 0.3854, 0.3442 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, 125, 115) }
```

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

```
.border{ border-color:rgb(174, 125, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 125, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 125, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 125, 115);  
box-shadow:4px 4px 4px 4px rgb(174, 125,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 24.9037, 0.3854, 0.3442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 125, 115) }
```

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

```
.background{ background-color: rgb(174,  
125, 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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