

Converting Colors

$Yxy(23.0930, 0.3816, 0.3494)$

Have a look what the booklet for
Yxy(23.0930, 0.3816, 0.3494)
contains.

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Color

Yxy(22.9374, 0.3808, 0.3482)

Conversions

Conversions Part 1

Format	Color
Hex	A47A6E
RGB	164, 122, 110
RGB Percent	64%, 48%, 43%
CMY	0.3568, 0.5216, 0.5687
CMYK	0.00, 0.26, 0.33, 0.36
HSL	13°, 23%, 54%
HSV	13°, 33%, 64%
XYZ	25.0849, 22.9374, 17.8519
YIQ	133.1900, 28.8840, 5.1720

Conversions

Conversions Part 2

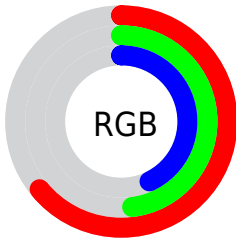
Format	Color
RYB	164, 125, 110
Decimal	10779246
CIELab	55.01, 14.65, 12.96
CIELCh	55, 19.564, 41.498
Yxy	22.9374, 0.3808, 0.3482
Android (android.graphics.Color)	4288969326 (0xFFA47A6E)
YUV	133.1900, -11.4327, 27.0204
Hunter-Lab	47.8930, 9.6801, 11.4250

Details

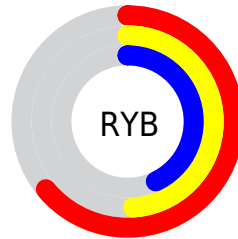
The Yxy color $22.9374, 0.3808, 0.3482$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $28.4492, 0.2643, 0.3088$, and the grayscale version is $23.5633, 0.3127, 0.3290$.

A 20% lighter version of the original color is $48.4842, 0.3651, 0.3446$, and $8.4924, 0.4090, 0.3541$ is the 20% darker color. If you saturate the color by 10%, you get $19.6847, 0.4104, 0.3542$, and if you desaturate by 10%, it is $26.6694, 0.3557, 0.3421$.

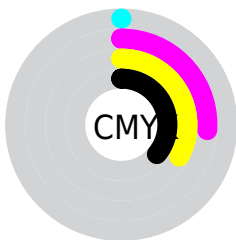
Distribution



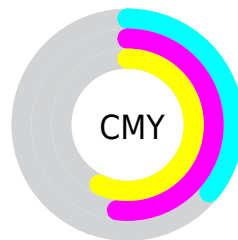
- Red (64%)
- Green (48%)
- Blue (43%)



- Red (64%)
- Yellow (49%)
- Blue (43%)



- Cyan (0%)
- Magenta (26%)
- Yellow (33%)
- Black (36%)



- Cyan (36%)
- Magenta (52%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 22.9374, 0.3808, 0.3482 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 22.9374, 0.3808, 0.3482 by changing the saturation by 10% instead.


 22.9374, 0.3808,
0.3482


 22.9374, 0.3808,
0.3482


267.4033, 0.3424,
0.3384


 14.5473, 0.3921,
0.3506


 48.2905, 0.3657,
0.3446

 8.5023, 0.4078,
0.3536


 66.0223, 0.3603,
0.3433

 4.4180, 0.4311,
0.3571

 87.6368, 0.3560,
0.3421

 1.9100, 0.4686,
0.3608

 113.5184, 0.3524,
0.3412

 0.5544, 0.6149,
0.3851

144.0514, 0.3493,
0.3403

 0.0000, 0.0000,
0.0000

179.6203, 0.3467,

0.3396

220.6095, 0.3444,
0.3390

■ 22.9374, 0.3808,
0.3482

■ 22.9374, 0.3808,
0.3482

■ 19.6847, 0.4104,
0.3542

■ 26.6694, 0.3557,
0.3421

■ 16.8885, 0.4445,
0.3594

■ 30.8959, 0.3348,
0.3362

■ 14.5290, 0.4825,
0.3632


■ 35.6353, 0.3173,
0.3306

■ 12.5836, 0.5224,
0.3646


■ 40.9041, 0.3027,
0.3254


■ 11.0275, 0.5607,
0.3627

■ 46.7183, 0.2906,
0.3206


 9.8331, 0.5931,
0.3571

 53.0928, 0.2804,
0.3163

 9.1849, 0.6120,
0.3523

 60.0424, 0.2718,
0.3124

 67.5808, 0.2645,
0.3088

 75.5536, 0.2595,
0.3084

Harmonies

Analogous

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



22.9374, 0.3645, 0.3196



22.9374, 0.3808, 0.3482



22.9374, 0.3774, 0.3739

Triad

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



22.9374, 0.3808, 0.3482



22.9374, 0.2897, 0.3677



22.9374, 0.2689, 0.2723

Complementary

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



22.9374, 0.3808, 0.3482



28.4492, 0.2643, 0.3088

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.



22.9374, 0.2513, 0.2812



22.9374, 0.3808, 0.3482



22.9374, 0.2628, 0.3357

Square

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



22.9374, 0.3808, 0.3482



22.9374, 0.3239, 0.3880



22.9374, 0.2491, 0.3037



22.9374, 0.2986, 0.2774

Rectangle

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



22.9374, 0.3808, 0.3482



22.9374, 0.3649, 0.3859



22.9374, 0.2491, 0.3037



22.9374, 0.2614, 0.2737

Sweetspot

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



22.9385, 0.3808, 0.3482



58.3470, 0.3296, 0.3346



21.3190, 0.3304, 0.2650



12.5137, 0.3321, 0.3353



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



22.9385, 0.3808, 0.3482



36.9462, 0.4035, 0.3529



30.4205, 0.3679, 0.3883



7.3297, 0.3280, 0.3341



7.1025, 0.6104, 0.3535



0.2133, 0.5477, 0.4033

Inverse Universe

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



28.4492, 0.2643, 0.3088



48.5887, 0.2539, 0.3032



20.7357, 0.2586, 0.2615



7.7427, 0.2988, 0.3239



13.8697, 0.2048, 0.2571



0.3540, 0.2128, 0.2860

Previews

White Background



This preview shows how the Yxy color 22.9374, 0.3808, 0.3482 looks on a white background.

Color Contrast Check

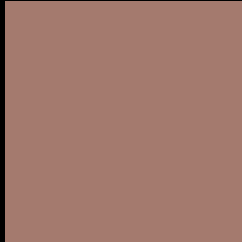
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.9374, 0.3808, 0.3482 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

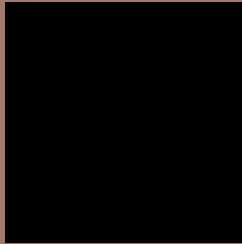
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.9374, 0.3808, 0.3482

Background



This preview shows how black text looks on a background with the Yxy color 22.9374, 0.3808, 0.3482.



This preview shows how white text looks on a background with the Yxy color 22.9374, 0.3808, 0.3482.

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

22.9374, 0.3808, 0.3482

Protanopia

23.1436, 0.3384, 0.3588

Deuteranopia

23.0552, 0.3657, 0.3590



Tritanopia

22.8592, 0.3615, 0.3152

Trichromacy



Original Color

22.9374, 0.3808, 0.3482

Protanomaly

22.8336, 0.3530, 0.3546

Deuteranomaly

22.9395, 0.3717, 0.3553

Tritanomaly

22.8128, 0.3688, 0.3276

Monochromacy



Original Color

22.9374, 0.3808, 0.3482

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

23.1105, 0.3350, 0.3359

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.9374, 0.3808, 0.3482 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(164, 122, 110)` looks like.

```
.text, #text, p{  
    color:rgb(164, 122, 110)  
}
```

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(164, 122, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 122, 110) }
```

Border

The CSS property to change the border of an element to Yxy 22.9374, 0.3808, 0.3482 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(164, 122, 110) }
```

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

```
.border{ border-color:rgb(164, 122, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 122, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 122, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 122, 110);  
box-shadow:4px 4px 4px 4px rgb(164, 122,  
110) }
```


Background

The CSS property to change the background color of an element to Yxy 22.9374, 0.3808, 0.3482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 122, 110) }
```

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

```
.background{ background-color: rgb(164,  
122, 110) }
```

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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