

Converting Colors

$Yxy(23.3262, 0.3891, 0.3493)$

Have a look what the booklet for
Yxy(23.3262, 0.3891, 0.3493)
contains.

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Color

Yxy(23.4582, 0.3883, 0.3493)

Conversions

Conversions Part 1

Format	Color
Hex	A97A6D
RGB	169, 122, 109
RGB Percent	66%, 48%, 43%
CMY	0.3374, 0.5215, 0.5725
CMYK	0.00, 0.28, 0.35, 0.34
HSL	13°, 26%, 55%
HSV	13°, 35%, 66%
XYZ	26.0774, 23.4582, 17.6222
YIQ	134.5710, 32.1850, 5.9210

Conversions

Conversions Part 2

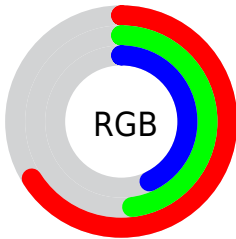
Format	Color
R_{YB}	169, 126, 109
Decimal	11106925
CIE Lab	55.54, 16.53, 14.35
CIE LCh	56, 21.892, 40.972
Yxy	23.4582, 0.3883, 0.3493
Android (android.graphics.Color)	4289297005 (0xFFA97A6D)
YUV	134.5710, -12.6065, 30.1942
Hunter-Lab	48.4337, 11.3479, 12.3314

Details

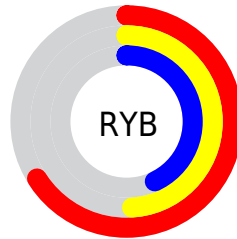
The Yxy color **23.4582, 0.3883, 0.3493** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **29.8770, 0.2608, 0.3075**, and the grayscale version is **24.1003, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.2407, 0.3706, 0.3456**, and **8.7468, 0.4185, 0.3555** is the 20% darker color. If you saturate the color by 10%, you get **20.0983, 0.4193, 0.3550**, and if you desaturate by 10%, it is **27.3326, 0.3619, 0.3433**.

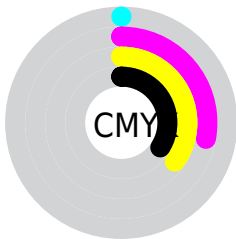
Distribution



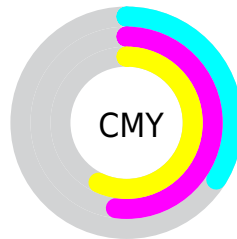
- Red (66%)
- Green (48%)
- Blue (43%)



- Red (66%)
- Yellow (49%)
- Blue (43%)



- Cyan (0%)
- Magenta (28%)
- Yellow (35%)
- Black (34%)





- Cyan (34%)
- Magenta (52%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.4582, 0.3883, 0.3493 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 23.4582, 0.3883, 0.3493 by changing the saturation by 10% instead.


 23.4582, 0.3883,
0.3493


 23.4582, 0.3883,
0.3493


270.0697, 0.3458,
0.3391


 14.9322, 0.4007,
0.3517


 49.1446, 0.3716,
0.3457

 8.7718, 0.4179,
0.3545


 67.0738, 0.3657,
0.3443

 4.5926, 0.4431,
0.3577

 88.9062, 0.3609,
0.3431

 2.0103, 0.4835,
0.3605

 115.0262, 0.3569,
0.3421

 0.6134, 0.6186,
0.3814

145.8181, 0.3535,
0.3412

 0.0000, 0.0000,
0.0000

181.6664, 0.3506,

0.3404

222.9555, 0.3480,
0.3397

■ 23.4582, 0.3883,
0.3493

■ 23.4582, 0.3883,
0.3493

■ 20.0983, 0.4193,
0.3550

■ 27.3326, 0.3619,
0.3433

■ 17.2278, 0.4548,
0.3598

■ 31.7387, 0.3399,
0.3375

■ 14.8245, 0.4939,
0.3630


■ 36.6968, 0.3215,
0.3319


■ 12.8630, 0.5341,
0.3635


■ 42.2254, 0.3062,
0.3267

■ 11.3154, 0.5715,
0.3606


■ 48.3418, 0.2934,
0.3220


 10.1499, 0.6017,
0.3541

 55.0629, 0.2828,
0.3176

 9.7344, 0.6134,
0.3511

 62.4047, 0.2738,
0.3137

 70.3826, 0.2662,
0.3102

 78.6140, 0.2627,
0.3134

Harmonies

Analogous

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



23.4582, 0.3698, 0.3179



23.4582, 0.3883, 0.3493



23.4582, 0.3848, 0.3780

Triad

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



23.4582, 0.3883, 0.3493



23.4582, 0.2877, 0.3728



23.4582, 0.2637, 0.2665

Complementary

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



23.4582, 0.3883, 0.3493



29.8770, 0.2608, 0.3075

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.



23.4582, 0.2447, 0.2762



23.4582, 0.3883, 0.3493



23.4582, 0.2578, 0.3369

Square

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



23.4582, 0.3883, 0.3493



23.4582, 0.3255, 0.3951



23.4582, 0.2426, 0.3012



23.4582, 0.2963, 0.2719

Rectangle

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



23.4582, 0.3883, 0.3493



23.4582, 0.3710, 0.3917



23.4582, 0.2426, 0.3012



23.4582, 0.2556, 0.2680

Sweetspot

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



23.4593, 0.3883, 0.3493



60.5546, 0.3315, 0.3350



21.7693, 0.3321, 0.2599



12.9532, 0.3340, 0.3358



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



23.4593, 0.3883, 0.3493



36.9809, 0.4136, 0.3541



31.9857, 0.3729, 0.3931



7.7965, 0.3280, 0.3340



7.3249, 0.6118, 0.3525



0.2491, 0.5527, 0.3993

Inverse Universe

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



29.8770, 0.2608, 0.3075



50.2613, 0.2500, 0.3016



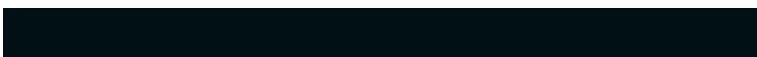
21.0351, 0.2538, 0.2552



8.2516, 0.2987, 0.3240



14.5802, 0.2053, 0.2589



0.4217, 0.2124, 0.2846

Previews

White Background



This preview shows how the Yxy color 23.4582, 0.3883, 0.3493 looks on a white background.

Color Contrast Check

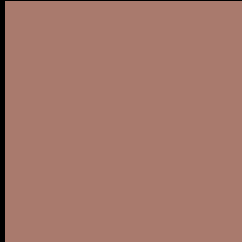
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.4582, 0.3883, 0.3493 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 23.4582, 0.3883, 0.3493

Background



This preview shows how black text looks on a background with the Yxy color 23.4582, 0.3883, 0.3493.



This preview shows how white text looks on a background with the Yxy color 23.4582, 0.3883, 0.3493.

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

23.4582, 0.3883, 0.3493

Protanopia

23.5654, 0.3416, 0.3620

Deuteranopia

23.4896, 0.3690, 0.3620



Tritanopia

23.4101, 0.3678, 0.3155

Trichromacy



Original Color

23.4582, 0.3883, 0.3493

Protanomaly

23.4497, 0.3588, 0.3575

Deuteranomaly

23.4780, 0.3762, 0.3581

Tritanomaly

23.3595, 0.3751, 0.3277

Monochromacy



Original Color

23.4582, 0.3883, 0.3493

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

23.6747, 0.3373, 0.3358

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.4582, 0.3883, 0.3493 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(169, 122, 109)` looks like.

```
.text, #text, p{  
    color:rgb(169, 122, 109)  
}
```

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(169, 122, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 122, 109) }
```

Border

The CSS property to change the border of an element to Yxy 23.4582, 0.3883, 0.3493 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(169, 122, 109) }
```

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

```
.border{ border-color:rgb(169, 122, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 122, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 122, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 122, 109);  
box-shadow:4px 4px 4px 4px rgb(169, 122,  
109) }
```


Background

The CSS property to change the background color of an element to Yxy 23.4582, 0.3883, 0.3493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 122, 109) }
```

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

```
.background{ background-color: rgb(169,  
122, 109) }
```

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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