

Converting Colors

$Yxy(23.5058, 0.3894, 0.3509)$

Have a look what the booklet for
Yxy(23.5058, 0.3894, 0.3509)
contains.

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Color

Yxy(23.4368, 0.3896, 0.3508)

Conversions

Conversions Part 1

Format	Color
Hex	A97A6C
RGB	169, 122, 108
RGB Percent	66%, 48%, 42%
CMY	0.3373, 0.5216, 0.5764
CMYK	0.00, 0.28, 0.36, 0.34
HSL	14°, 26%, 54%
HSV	14°, 36%, 66%
XYZ	26.0290, 23.4368, 17.3438
YIQ	134.4570, 32.5060, 5.6100

Conversions

Conversions Part 2

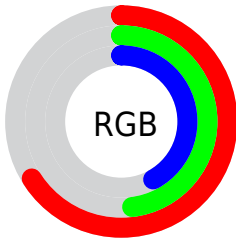
Format	Color
R_{YB}	169, 126, 108
Decimal	11106924
CIE _{Lab}	55.52, 16.42, 14.89
CIE _{LCh}	56, 22.170, 42.206
Yxy	23.4368, 0.3896, 0.3508
Android (android.graphics.Color)	4289297004 (0xFFA97A6C)
YUV	134.4570, -13.0433, 30.2942
Hunter-Lab	48.4116, 11.2522, 12.6471

Details

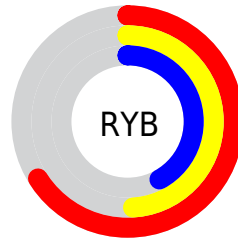
The Yxy color **23.4368, 0.3896, 0.3508** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **29.5007, 0.2599, 0.3058**, and the grayscale version is **24.0582, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.1707, 0.3725, 0.3479**, and **8.7468, 0.4185, 0.3555** is the 20% darker color. If you saturate the color by 10%, you get **20.1252, 0.4206, 0.3568**, and if you desaturate by 10%, it is **27.2490, 0.3632, 0.3445**.

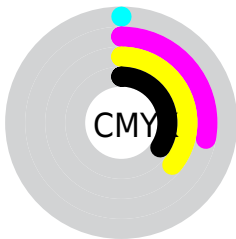
Distribution



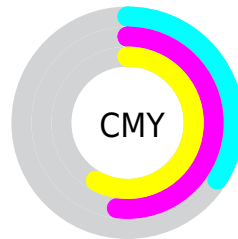
- Red (66%)
- Green (48%)
- Blue (42%)



- Red (66%)
- Yellow (49%)
- Blue (42%)



- Cyan (0%)
- Magenta (28%)
- Yellow (36%)
- Black (34%)





- Cyan (34%)
- Magenta (52%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.4368, 0.3896, 0.3508 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 23.4368, 0.3896, 0.3508 by changing the saturation by 10% instead.


 23.4368, 0.3896,
0.3508


 23.4368, 0.3896,
0.3508


269.9606, 0.3464,
0.3398


 14.9164, 0.4022,
0.3534


 49.1096, 0.3726,
0.3469


 8.7607, 0.4197,
0.3565


 67.0307, 0.3666,
0.3454

 4.5854, 0.4453,
0.3600


 88.8542, 0.3617,
0.3441

 2.0061, 0.4864,
0.3634

 114.9644, 0.3576,
0.3430

 0.6110, 0.6182,
0.3818

145.7457, 0.3542,
0.3420

 0.0000, 0.0000,
0.0000

181.5826, 0.3512,

0.3412

222.8595, 0.3487,
0.3405

■ 23.4368, 0.3896,
0.3508

■ 23.4368, 0.3896,
0.3508

■ 20.1252, 0.4206,
0.3568

■ 27.2490, 0.3632,
0.3445

■ 17.2899, 0.4559,
0.3619

■ 31.5783, 0.3410,
0.3383

■ 14.9096, 0.4946,
0.3651


■ 36.4443, 0.3224,
0.3324

■ 12.9598, 0.5343,
0.3656


■ 41.8647, 0.3070,
0.3269

■ 11.4137, 0.5710,
0.3625


■ 47.8564, 0.2941,
0.3219


 10.2404, 0.6007,
0.3557

 54.4356, 0.2833,
0.3173

 9.8702, 0.6110,
0.3531

 61.6176, 0.2742,
0.3131

 69.4176, 0.2665,
0.3093

 77.5158, 0.2624,
0.3113

Harmonies

Analogous

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



23.4368, 0.3718, 0.3190



23.4368, 0.3896, 0.3508



23.4368, 0.3851, 0.3796

Triad

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



23.4368, 0.3896, 0.3508



23.4368, 0.2859, 0.3721



23.4368, 0.2642, 0.2657

Complementary

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



23.4368, 0.3896, 0.3508



29.5007, 0.2599, 0.3058

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.



23.4368, 0.2444, 0.2748



23.4368, 0.3896, 0.3508



23.4368, 0.2562, 0.3354

Square

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



23.4368, 0.3896, 0.3508



23.4368, 0.3240, 0.3955



23.4368, 0.2415, 0.2994



23.4368, 0.2976, 0.2718

Rectangle

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



23.4368, 0.3896, 0.3508



23.4368, 0.3706, 0.3931



23.4368, 0.2415, 0.2994



23.4368, 0.2559, 0.2670

Sweetspot

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



23.4379, 0.3896, 0.3508



60.6928, 0.3315, 0.3354



21.5567, 0.3325, 0.2587



12.9863, 0.3339, 0.3361



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.



23.4379, 0.3896, 0.3508



37.3395, 0.4130, 0.3555



31.8839, 0.3740, 0.3942



7.8112, 0.3280, 0.3342



7.4261, 0.6092, 0.3544



0.2545, 0.5491, 0.4022

Inverse Universe

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



29.5007, 0.2599, 0.3058



49.7288, 0.2498, 0.3000



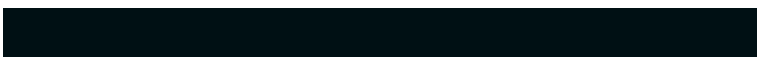
20.7959, 0.2528, 0.2537



8.2359, 0.2987, 0.3237



14.1648, 0.2041, 0.2546



0.4143, 0.2117, 0.2819

Previews

White Background



This preview shows how the Yxy color 23.4368, 0.3896, 0.3508 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 23.4368, 0.3896, 0.3508 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

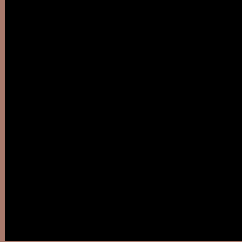
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.4368, 0.3896, 0.3508

Background



This preview shows how black text looks on a background with the Yxy color 23.4368, 0.3896, 0.3508.



This preview shows how white text looks on a background with the Yxy color 23.4368, 0.3896, 0.3508.

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

23.4368, 0.3896, 0.3508

Protanopia

23.5428, 0.3427, 0.3637

Deuteranopia

23.4684, 0.3702, 0.3636



Tritanopia

23.4101, 0.3678, 0.3155

Trichromacy



Original Color

23.4368, 0.3896, 0.3508

Protanomaly

23.4275, 0.3600, 0.3591

Deuteranomaly

23.4568, 0.3774, 0.3597

Tritanomaly

23.3595, 0.3751, 0.3277

Monochromacy



Original Color

23.4368, 0.3896, 0.3508

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

23.6490, 0.3384, 0.3374

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.4368, 0.3896, 0.3508 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, 108)` looks like.

```
.text, #text, p{  
    color:rgb(169, 122, 108)  
}
```

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, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 122, 108) }
```

Border

The CSS property to change the border of an element to Yxy 23.4368, 0.3896, 0.3508 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, 108) }
```

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

```
.border{ border-color:rgb(169, 122, 108) }
```

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, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(169, 122, 108); -webkit-box-shadow:4px 4px 4px 4px rgb(169, 122, 108); box-shadow:4px 4px 4px 4px rgb(169, 122, 108) }
```


Background

The CSS property to change the background color of an element to Yxy 23.4368, 0.3896, 0.3508 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, 108) }
```

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

```
.background{ background-color: rgb(169,  
122, 108) }
```

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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