

Converting Colors

$Y_{xy}(24.2499, 0.3843, 0.3508)$

Have a look what the booklet for
Yxy(24.2499, 0.3843, 0.3508)
contains.

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Color

Yxy(24.2499, 0.3843, 0.3508)

Conversions

Conversions Part 1

Format	Color
Hex	A97D6F
RGB	169, 125, 111
RGB Percent	66%, 49%, 44%
CMY	0.3372, 0.5098, 0.5648
CMYK	0.00, 0.26, 0.34, 0.34
HSL	15°, 25%, 55%
HSV	15°, 34%, 66%
XYZ	26.5657, 24.2499, 18.3119
YIQ	136.5600, 30.7180, 4.9740

Conversions

Conversions Part 2

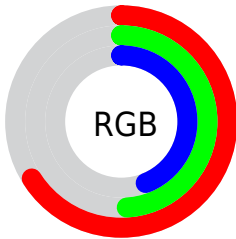
Format	Color
RYB	169, 129, 111
Decimal	11107695
CIELab	56.34, 15.11, 14.32
CIELCh	56, 20.823, 43.461
Yxy	24.2499, 0.3843, 0.3508
Android (android.graphics.Color)	4289297775 (0xFFA97D6F)
YUV	136.5600, -12.6011, 28.4499
Hunter-Lab	49.2442, 10.1177, 12.4235

Details

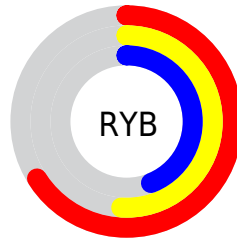
The Yxy color $24.2499, 0.3843, 0.3508$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $29.6804, 0.2621, 0.3058$, and the grayscale version is $24.8815, 0.3127, 0.3290$.

A 20% lighter version of the original color is $50.4927, 0.3679, 0.3467$, and $9.1726, 0.4115, 0.3577$ is the 20% darker color. If you saturate the color by 10%, you get $20.8750, 0.4142, 0.3572$, and if you desaturate by 10%, it is $28.1163, 0.3588, 0.3442$.

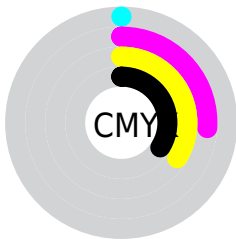
Distribution



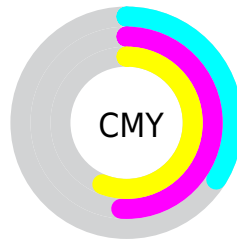
- Red (66%)
- Green (49%)
- Blue (44%)



- Red (66%)
- Yellow (51%)
- Blue (44%)



- Cyan (0%)
- Magenta (26%)
- Yellow (34%)
- Black (34%)





- Cyan (34%)
- Magenta (51%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.2499, 0.3843, 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 24.2499, 0.3843, 0.3508 by changing the saturation by 10% instead.


 24.2499, 0.3843,
0.3508


 24.2499, 0.3843,
0.3508


274.0815, 0.3443,
0.3397


 15.5191, 0.3959,
0.3535


 50.4377, 0.3686,
0.3468

 9.1845, 0.4119,
0.3568


 68.6635, 0.3631,
0.3453

 4.8617, 0.4353,
0.3607

 90.8230, 0.3585,
0.3440

 2.1664, 0.4722,
0.3648

 117.3008, 0.3548,
0.3429

 0.7016, 0.5997,
0.4003

148.4811, 0.3515,
0.3419

 0.0000, 0.0000,
0.0000

184.7484, 0.3488,

0.3411

226.4871, 0.3464,
0.3404

■ 24.2499, 0.3843,
0.3508

■ 24.2499, 0.3843,
0.3508

■ 20.8750, 0.4142,
0.3572

■ 28.1163, 0.3588,
0.3442

■ 17.9683, 0.4484,
0.3628

■ 32.4894, 0.3374,
0.3377

■ 15.5096, 0.4861,
0.3667

■ 37.3881, 0.3195,
0.3315


■ 13.4759, 0.5253,
0.3680


■ 42.8294, 0.3046,
0.3258


■ 11.8419, 0.5625,
0.3656


■ 48.8291, 0.2921,
0.3206


 10.5796, 0.5934,
0.3592

 55.4029, 0.2816,
0.3158

 10.0117, 0.6084,
0.3551

 62.5655, 0.2727,
0.3115

 70.3311, 0.2652,
0.3075

 78.1818, 0.2626,
0.3126

Harmonies

Analogous

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



24.2499, 0.3686, 0.3211



24.2499, 0.3843, 0.3508



24.2499, 0.3794, 0.3772

Triad

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



24.2499, 0.3843, 0.3508



24.2499, 0.2865, 0.3676



24.2499, 0.2687, 0.2699

Complementary

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



24.2499, 0.3843, 0.3508



29.6804, 0.2621, 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.



24.2499, 0.2495, 0.2780



24.2499, 0.3843, 0.3508



24.2499, 0.2592, 0.3336

Square

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



24.2499, 0.3843, 0.3508



24.2499, 0.3219, 0.3900



24.2499, 0.2461, 0.3005



24.2499, 0.3003, 0.2761

Rectangle

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



24.2499, 0.3843, 0.3508



24.2499, 0.3655, 0.3892



24.2499, 0.2461, 0.3005



24.2499, 0.2606, 0.2709

Sweetspot

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



24.2510, 0.3843, 0.3508



61.7111, 0.3296, 0.3351



22.1820, 0.3325, 0.2634



13.1978, 0.3321, 0.3359



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.



24.2510, 0.3843, 0.3508



38.8732, 0.4059, 0.3556



32.5414, 0.3703, 0.3923



7.8259, 0.3280, 0.3345



7.5330, 0.6066, 0.3565



0.2600, 0.5456, 0.4050

Inverse Universe

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



29.6804, 0.2621, 0.3058



50.0192, 0.2521, 0.3000



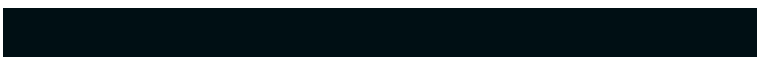
21.2802, 0.2557, 0.2563



8.2202, 0.2987, 0.3234



13.7573, 0.2029, 0.2504



0.4070, 0.2109, 0.2793

Previews

White Background



This preview shows how the Yxy color 24.2499, 0.3843, 0.3508 looks on a white background.

Color Contrast Check

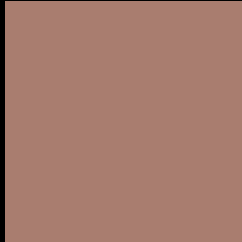
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.2499, 0.3843, 0.3508 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

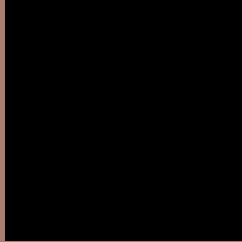
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.2499, 0.3843, 0.3508

Background



This preview shows how black text looks on a background with the Yxy color 24.2499, 0.3843, 0.3508.



This preview shows how white text looks on a background with the Yxy color 24.2499, 0.3843, 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

24.2499, 0.3843, 0.3508

Protanopia

24.3397, 0.3412, 0.3615

Deuteranopia

24.2592, 0.3682, 0.3616



Tritanopia

24.2157, 0.3629, 0.3155

Trichromacy



Original Color

24.2499, 0.3843, 0.3508

Protanomaly

24.1229, 0.3569, 0.3572

Deuteranomaly

24.1412, 0.3741, 0.3579

Tritanomaly

24.1672, 0.3701, 0.3276

Monochromacy



Original Color

24.2499, 0.3843, 0.3508

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

24.7231, 0.3367, 0.3373

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.2499, 0.3843, 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, 125, 111)` looks like.

```
.text, #text, p{  
    color:rgb(169, 125, 111)  
}
```

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, 125, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 125, 111) }
```

Border

The CSS property to change the border of an element to Yxy 24.2499, 0.3843, 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, 125, 111) }
```

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

```
.border{ border-color:rgb(169, 125, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 125, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 125, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 125, 111);  
box-shadow:4px 4px 4px 4px rgb(169, 125,  
111) }
```


Background

The CSS property to change the background color of an element to Yxy 24.2499, 0.3843, 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, 125, 111) }
```

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

```
.background{ background-color: rgb(169,  
125, 111) }
```

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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