

Converting Colors

$Y_{xy}(25.4185, 0.3918, 0.3546)$

Have a look what the booklet for
Yxy(25.4185, 0.3918, 0.3546)
contains.

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Color

Yxy(25.4185, 0.3918, 0.3546)

Conversions

Conversions Part 1

Format	Color
Hex	AF7F6E
RGB	175, 127, 110
RGB Percent	69%, 50%, 43%
CMY	0.3137, 0.5020, 0.5686
CMYK	0.00, 0.27, 0.37, 0.31
HSL	16°, 29%, 56%
HSV	16°, 37%, 69%
XYZ	28.0851, 25.4185, 18.1786
YIQ	139.4140, 34.0650, 4.8890

Conversions

Conversions Part 2

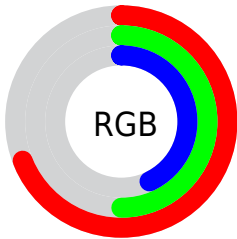
Format	Color
R_{YB}	175, 133, 110
Decimal	11501422
CIE _{Lab}	57.48, 16.30, 16.56
CIE _{LCh}	57, 23.240, 45.457
Yxy	25.4185, 0.3918, 0.3546
Android (android.graphics.Color)	4289691502 (0xFFAF7F6E)
YUV	139.4140, -14.5011, 31.2089
Hunter-Lab	50.4168, 11.2056, 13.9137

Details

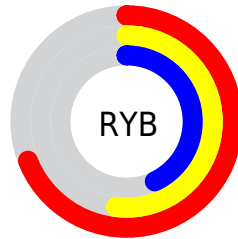
The Yxy color **25.4185, 0.3918, 0.3546** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **30.8700, 0.2578, 0.3015**, and the grayscale version is **26.0348, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.4070, 0.3745, 0.3497**, and **9.8615, 0.4221, 0.3626** is the 20% darker color. If you saturate the color by 10%, you get **21.9481, 0.4225, 0.3614**, and if you desaturate by 10%, it is **29.3950, 0.3654, 0.3474**.

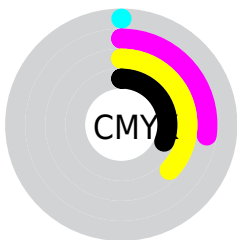
Distribution



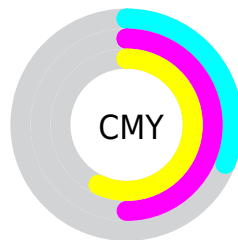
- Red (69%)
- Green (50%)
- Blue (43%)



- Red (69%)
- Yellow (52%)
- Blue (43%)



- Cyan (0%)
- Magenta (27%)
- Yellow (37%)
- Black (31%)





- Cyan (31%)
- Magenta (50%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.4185, 0.3918, 0.3546 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 25.4185, 0.3918, 0.3546 by changing the saturation by 10% instead.


 25.4185, 0.3918,
0.3546


 25.4185, 0.3918,
0.3546


279.9157, 0.3479,
0.3418


 16.3891, 0.4044,
0.3576


 52.3353, 0.3747,
0.3500


 9.7999, 0.4215,
0.3613


 70.9916, 0.3686,
0.3483

 5.2665, 0.4462,
0.3656

 93.6256, 0.3637,
0.3468

 2.4045, 0.4844,
0.3697

 120.6218, 0.3595,
0.3455

 0.8282, 0.5984,
0.4016

152.3645, 0.3559,
0.3444

 0.0000, 1.0000,
0.0000


189.2381, 0.3529,


 0.0000, 0.0000,


0.3434


0.0000


231.6271, 0.3502,
0.3425


 25.4185, 0.3918,
0.3546


 25.4185, 0.3918,
0.3546


 21.9481, 0.4225,
0.3614


 29.3950, 0.3654,
0.3474


 18.9594, 0.4573,
0.3671


 33.8934, 0.3430,
0.3403

 16.4317, 0.4950,
0.3707


 38.9332, 0.3242,
0.3336

 14.3410, 0.5333,
0.3712


 44.5318, 0.3085,
0.3272


 12.6609, 0.5685,
0.3677

 50.7058, 0.2953,
0.3214

 11.3603, 0.5971,
0.3603

 57.4713, 0.2842,
0.3161

 11.0502, 0.6045,
0.3582

 64.8436, 0.2748,
0.3113

 72.8373, 0.2669,
0.3069

 80.6343, 0.2661,
0.3161

Harmonies

Analogous

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



25.4185, 0.3759, 0.3222



25.4185, 0.3918, 0.3546



25.4185, 0.3847, 0.3832

Triad

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



25.4185, 0.3918, 0.3546



25.4185, 0.2815, 0.3694



25.4185, 0.2664, 0.2644

Complementary

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



25.4185, 0.3918, 0.3546



30.8700, 0.2578, 0.3015

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.



25.4185, 0.2445, 0.2720



25.4185, 0.3918, 0.3546



25.4185, 0.2526, 0.3312

Square

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



25.4185, 0.3918, 0.3546



25.4185, 0.3199, 0.3954



25.4185, 0.2396, 0.2954



25.4185, 0.3015, 0.2723

Rectangle

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



25.4185, 0.3918, 0.3546



25.4185, 0.3685, 0.3960



25.4185, 0.2396, 0.2954



25.4185, 0.2573, 0.2652

Sweetspot

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



25.4197, 0.3918, 0.3546



65.9483, 0.3314, 0.3363



22.7628, 0.3360, 0.2593



14.3916, 0.3339, 0.3372



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.



25.4197, 0.3918, 0.3546



40.1007, 0.4181, 0.3605



34.9548, 0.3751, 0.3991



8.3432, 0.3280, 0.3350



7.9998, 0.6025, 0.3598



0.3118, 0.5439, 0.4064

Inverse Universe

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



30.8700, 0.2578, 0.3015



51.3143, 0.2463, 0.2939



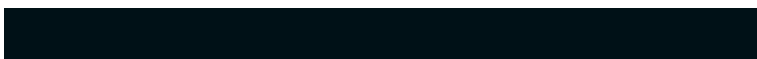
21.3980, 0.2501, 0.2471



8.7123, 0.2986, 0.3229



13.6109, 0.2009, 0.2434



0.4610, 0.2090, 0.2723

Previews

White Background



This preview shows how the Yxy color 25.4185, 0.3918, 0.3546 looks on a white background.

Color Contrast Check

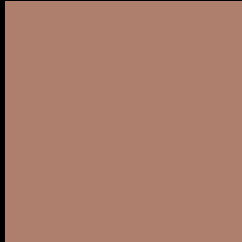
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.4185, 0.3918, 0.3546 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

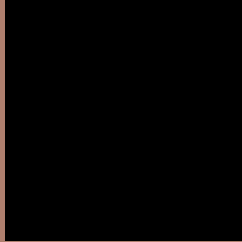
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.4185, 0.3918, 0.3546

Background



This preview shows how black text looks on a background with the Yxy color 25.4185, 0.3918, 0.3546.



This preview shows how white text looks on a background with the Yxy color 25.4185, 0.3918, 0.3546.

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

25.4185, 0.3918, 0.3546

Protanopia

25.5258, 0.3461, 0.3676

Deuteranopia

25.5606, 0.3741, 0.3671



Tritanopia

25.4559, 0.3670, 0.3159

Trichromacy



Original Color

25.4185, 0.3918, 0.3546

Protanomaly

25.4105, 0.3630, 0.3630

Deuteranomaly

25.5522, 0.3811, 0.3632

Tritanomaly

25.3780, 0.3754, 0.3292

Monochromacy



Original Color

25.4185, 0.3918, 0.3546

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.5619, 0.3397, 0.3405

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.4185, 0.3918, 0.3546 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(175, 127, 110)` looks like.

```
.text, #text, p{  
    color:rgb(175, 127, 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(175, 127, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 127, 110) }
```

Border

The CSS property to change the border of an element to Yxy 25.4185, 0.3918, 0.3546 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(175, 127, 110) }
```

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

```
.border{ border-color:rgb(175, 127, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 127, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 127, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 127, 110);  
box-shadow:4px 4px 4px 4px rgb(175, 127,  
110) }
```


Background

The CSS property to change the background color of an element to Yxy 25.4185, 0.3918, 0.3546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 127, 110) }
```

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

```
.background{ background-color: rgb(175,  
127, 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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