

Converting Colors

$Y_{xy}(25.3642, 0.3675, 0.3816)$

Have a look what the booklet for
Yxy(25.3642, 0.3675, 0.3816)
contains.

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Color

Yxy(25.3801, 0.3674, 0.3815)

Conversions

Conversions Part 1

Format	Color
Hex	998868
RGB	153, 136, 104
RGB Percent	60%, 53%, 41%
CMY	0.3999, 0.4667, 0.5922
CMYK	0.00, 0.11, 0.32, 0.40
HSL	39°, 19%, 50%
HSV	39°, 32%, 60%
XYZ	24.4421, 25.3801, 16.7050
YIQ	137.4350, 20.4040, -6.3480

Conversions

Conversions Part 2

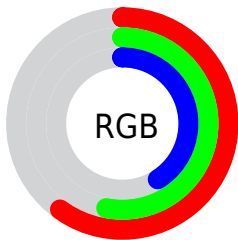
Format	Color
R_{YB}	130, 153, 104
Decimal	10061928
CIE Lab	57.44, 1.39, 19.56
CIE LCh	57, 19.609, 85.937
Yxy	25.3801, 0.3674, 0.3815
Android (android.graphics.Color)	4288252008 (0xFF998868)
YUV	137.4350, -16.4835, 13.6505
Hunter-Lab	50.3787, -1.5604, 15.6052

Details

The Yxy color **25.3801, 0.3674, 0.3815** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **18.9213, 0.2612, 0.2701**, and the grayscale version is **25.2485, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.1716, 0.3562, 0.3707**, and **9.7177, 0.3866, 0.3983** is the 20% darker color. If you saturate the color by 10%, you get **23.6385, 0.3874, 0.3981**, and if you desaturate by 10%, it is **27.2547, 0.3486, 0.3646**.

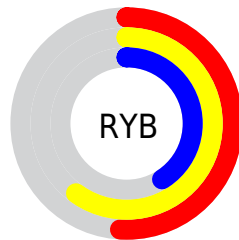
Distribution



Red (60%)

Green (53%)

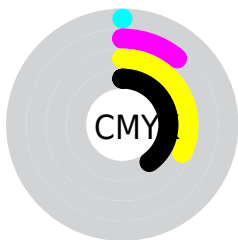
Blue (41%)



Red (51%)

Yellow (60%)

Blue (41%)

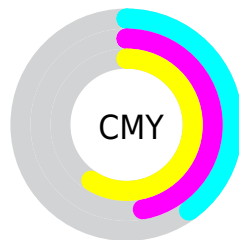


Cyan (0%)

Magenta (11%)

Yellow (32%)

Black (40%)



Cyan (40%)


Magenta (47%)


Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.3801, 0.3674, 0.3815 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 25.3801, 0.3674, 0.3815 by changing the saturation by 10% instead.


 25.3801, 0.3674,
0.3815


 25.3801, 0.3674,
0.3815


279.7256, 0.3374,
0.3529

 16.3605, 0.3758,
0.3894


 52.2732, 0.3558,
0.3705


 9.7796, 0.3871,
0.4000


 70.9154, 0.3517,
0.3666

 5.2531, 0.4031,
0.4148

 93.5340, 0.3483,
0.3633

 2.3965, 0.4281,
0.4376

 120.5133, 0.3454,
0.3606

 0.8241, 0.4979,
0.5021

152.2377, 0.3430,
0.3582

 0.0000, 0.0000,
0.0000

189.0916, 0.3409,

0.3562

231.4595, 0.3390,
0.3545

■ 25.3801, 0.3674,
0.3815

■ 25.3801, 0.3674,
0.3815

■ 23.6385, 0.3874,
0.3981

■ 27.2547, 0.3486,
0.3646

■ 22.0222, 0.4083,
0.4137

■ 29.2626, 0.3314,
0.3480

■ 20.5280, 0.4294,
0.4272

■ 31.4086, 0.3157,
0.3321

■ 19.1510, 0.4497,
0.4377

■ 33.6962, 0.3016,
0.3171

■ 17.8859, 0.4683,
0.4442

■ 36.1288, 0.2890,
0.3031

■ 16.7264, 0.4843,
0.4458

■ 38.7094, 0.2778,
0.2902

■ 15.8681, 0.4956,
0.4447

■ 41.4413, 0.2679,
0.2783

■ 44.3273, 0.2590,
0.2673

■ 47.3703, 0.2511,
0.2573

Harmonies

Analogous

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



25.3801, 0.3795, 0.3605



25.3801, 0.3674, 0.3815



25.3801, 0.3406, 0.3892

Triad

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



25.3801, 0.3674, 0.3815



25.3801, 0.2560, 0.3199



25.3801, 0.3154, 0.2856

Complementary

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



25.3801, 0.3674, 0.3815



18.9213, 0.2612, 0.2701

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.



25.3801, 0.2829, 0.2747



25.3801, 0.3674, 0.3815



25.3801, 0.2501, 0.2925

Square

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



25.3801, 0.3674, 0.3815



25.3801, 0.2766, 0.3523



25.3801, 0.2596, 0.2768



25.3801, 0.3487, 0.3065

Rectangle

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



25.3801, 0.3674, 0.3815



25.3801, 0.3186, 0.3842



25.3801, 0.2596, 0.2768



25.3801, 0.3040, 0.2807

Sweetspot

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



25.3813, 0.3674, 0.3815



53.0804, 0.3284, 0.3451



18.0575, 0.3586, 0.3005



11.6144, 0.3305, 0.3471



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



25.3813, 0.3674, 0.3815



43.3230, 0.3807, 0.3927



29.8685, 0.3516, 0.4088



6.8616, 0.3268, 0.3435



13.1750, 0.4949, 0.4452



0.2644, 0.4555, 0.4766

Inverse Universe

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



18.9213, 0.2612, 0.2701



30.0255, 0.2496, 0.2553



15.6017, 0.2656, 0.2395



6.3596, 0.2988, 0.3141



4.0719, 0.1654, 0.1154



0.1245, 0.1879, 0.1965

Previews

White Background



This preview shows how the Yxy color 25.3801, 0.3674, 0.3815 looks on a white background.

Color Contrast Check

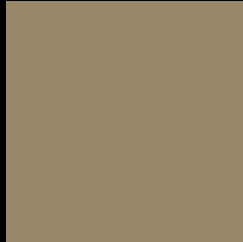
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.3801, 0.3674, 0.3815 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

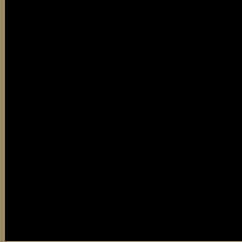
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.3801, 0.3674, 0.3815

Background



This preview shows how black text looks on a background with the Yxy color 25.3801, 0.3674, 0.3815.



This preview shows how white text looks on a background with the Yxy color 25.3801, 0.3674, 0.3815.

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

25.3801, 0.3674, 0.3815

Protanopia

25.4928, 0.3594, 0.3841

Deuteranopia

25.2038, 0.3792, 0.3718



Tritanopia

25.3238, 0.3319, 0.3133

Trichromacy



Original Color

25.3801, 0.3674, 0.3815

Protanomaly

25.3953, 0.3622, 0.3821

Deuteranomaly

25.1659, 0.3750, 0.3740

Tritanomaly

25.4015, 0.3450, 0.3371

Monochromacy



Original Color

25.3801, 0.3674, 0.3815

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

25.2116, 0.3321, 0.3492

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.3801, 0.3674, 0.3815 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(153, 136, 104)` looks like.

```
.text, #text, p{  
    color:rgb(153, 136, 104)  
}
```

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(153, 136, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 136, 104) }
```

Border

The CSS property to change the border of an element to Yxy 25.3801, 0.3674, 0.3815 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(153, 136, 104) }
```

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

```
.border{ border-color:rgb(153, 136, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 136, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 136, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 136, 104);  
box-shadow:4px 4px 4px 4px rgb(153, 136,  
104) }
```


Background

The CSS property to change the background color of an element to Yxy 25.3801, 0.3674, 0.3815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 136, 104) }
```

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

```
.background{ background-color: rgb(153,  
136, 104) }
```

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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