

Converting Colors

$Y_{xy}(24.7366, 0.3618, 0.3791)$

Have a look what the booklet for
Yxy(24.7366, 0.3618, 0.3791)
contains.

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Color

Yxy(24.7374, 0.3619, 0.3792)

Conversions

Conversions Part 1

Format	Color
Hex	958769
RGB	149, 135, 105
RGB Percent	58%, 53%, 41%
CMY	0.4156, 0.4706, 0.5883
CMYK	0.00, 0.09, 0.30, 0.42
HSL	41°, 17%, 50%
HSV	41°, 30%, 58%
XYZ	23.6088, 24.7374, 16.8895
YIQ	135.7660, 17.9740, -6.3620

Conversions

Conversions Part 2

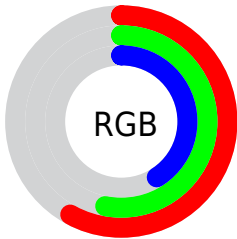
Format	Color
R_{YB}	126, 149, 105
Decimal	9799529
CIE _{Lab}	56.82, 0.43, 18.09
CIE _{LCh}	57, 18.094, 88.640
Yxy	24.7374, 0.3619, 0.3792
Android (android.graphics.Color)	4287989609 (0xFF958769)
YUV	135.7660, -15.1676, 11.6062
Hunter-Lab	49.7367, -2.3096, 14.6821

Details

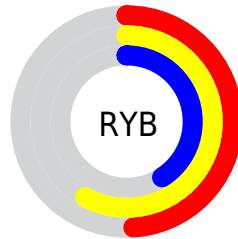
The Yxy color **24.7374, 0.3619, 0.3792** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **18.3637, 0.2653, 0.2731**, and the grayscale version is **24.5816, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.2041, 0.3521, 0.3688**, and **9.3992, 0.3804, 0.3951** is the 20% darker color. If you saturate the color by 10%, you get **23.1648, 0.3811, 0.3965**, and if you desaturate by 10%, it is **26.4249, 0.3439, 0.3617**.

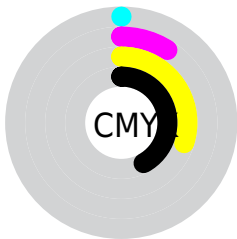
Distribution



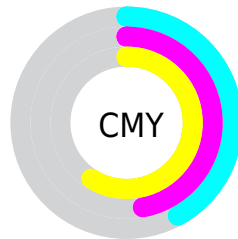
- Red (58%)
- Green (53%)
- Blue (41%)



- Red (49%)
- Yellow (58%)
- Blue (41%)



- Cyan (0%)
- Magenta (9%)
- Yellow (30%)
- Black (42%)



- Cyan (42%)
- Magenta (47%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.7374, 0.3619, 0.3792 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 24.7374, 0.3619, 0.3792 by changing the saturation by 10% instead.


 24.7374, 0.3619,
0.3792


 24.7374, 0.3619,
0.3792


276.5276, 0.3348,
0.3516


 15.8815, 0.3695,
0.3869


 51.2309, 0.3514,
0.3686

 9.4404, 0.3799,
0.3974


 69.6373, 0.3477,
0.3647

 5.0295, 0.3946,
0.4123

 91.9960, 0.3446,
0.3616

 2.2646, 0.4178,
0.4356

 118.6914, 0.3420,
0.3590

 0.7549, 0.4909,
0.5091

150.1078, 0.3398,
0.3567

 0.0000, 0.0000,
0.0000

186.6298, 0.3379,

0.3548

228.6416, 0.3363,
0.3531

■ 24.7374, 0.3619,
0.3792

■ 24.7374, 0.3619,
0.3792

■ 23.1648, 0.3811,
0.3965

■ 26.4249, 0.3439,
0.3617

■ 21.7001, 0.4011,
0.4130

■ 28.2272, 0.3272,
0.3446

■ 20.3406, 0.4212,
0.4277

■ 30.1487, 0.3121,
0.3283

■ 19.0823, 0.4407,
0.4396

■ 32.1922, 0.2984,
0.3129

■ 17.9203, 0.4585,
0.4477

■ 34.3608, 0.2861,
0.2985

■ 16.8495, 0.4740,
0.4512

■ 36.6571, 0.2752,
0.2853

■ 15.8582, 0.4872,
0.4509

■ 39.0838, 0.2654,
0.2731

■ 15.8147, 0.4878,
0.4509

■ 41.6435, 0.2567,
0.2619

■ 44.3385, 0.2489,
0.2517

Harmonies

Analogous

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



24.7374, 0.3746, 0.3606



24.7374, 0.3619, 0.3792



24.7374, 0.3361, 0.3847

Triad

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



24.7374, 0.3619, 0.3792



24.7374, 0.2587, 0.3181



24.7374, 0.3182, 0.2898

Complementary

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



24.7374, 0.3619, 0.3792



18.3637, 0.2653, 0.2731

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.



24.7374, 0.2875, 0.2787



24.7374, 0.3619, 0.3792



24.7374, 0.2544, 0.2933

Square

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



24.7374, 0.3619, 0.3792



24.7374, 0.2769, 0.3481



24.7374, 0.2646, 0.2796



24.7374, 0.3487, 0.3101

Rectangle

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



24.7374, 0.3619, 0.3792



24.7374, 0.3154, 0.3790



24.7374, 0.2646, 0.2796



24.7374, 0.3075, 0.2849

Sweetspot

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



24.7385, 0.3619, 0.3792



50.6652, 0.3266, 0.3440



17.8376, 0.3549, 0.3041



11.1300, 0.3288, 0.3463



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



24.7385, 0.3619, 0.3792



42.5366, 0.3736, 0.3899



28.2398, 0.3477, 0.4025



6.4366, 0.3267, 0.3440



13.3630, 0.4872, 0.4514



0.2168, 0.4504, 0.4806

Inverse Universe

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



18.3637, 0.2653, 0.2731



29.3589, 0.2546, 0.2592



15.7352, 0.2708, 0.2478



5.9163, 0.2989, 0.3135



3.6138, 0.1634, 0.1082



0.0928, 0.1860, 0.1894

Previews

White Background



This preview shows how the Yxy color 24.7374, 0.3619, 0.3792 looks on a white background.

Color Contrast Check

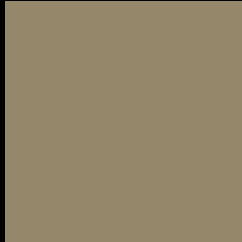
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.7374, 0.3619, 0.3792 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

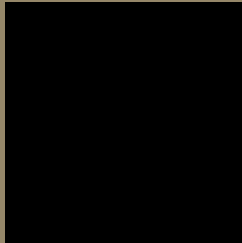
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

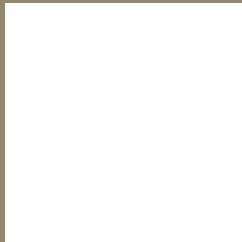
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 24.7374, 0.3619, 0.3792

Background



This preview shows how black text looks on a background with the Yxy color 24.7374, 0.3619, 0.3792.



This preview shows how white text looks on a background with the Yxy color 24.7374, 0.3619, 0.3792.

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

24.7374, 0.3619, 0.3792

Protanopia

24.7599, 0.3567, 0.3797

Deuteranopia

24.7468, 0.3761, 0.3691



Tritanopia

24.6310, 0.3286, 0.3130

Trichromacy



Original Color

24.7374, 0.3619, 0.3792

Protanomaly

24.8520, 0.3579, 0.3795

Deuteranomaly

24.6111, 0.3707, 0.3714

Tritanomaly

24.7102, 0.3416, 0.3372

Monochromacy



Original Color

24.7374, 0.3619, 0.3792

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

24.7517, 0.3300, 0.3477

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.7374, 0.3619, 0.3792 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(149, 135, 105)` looks like.

```
.text, #text, p{  
    color:rgb(149, 135, 105)  
}
```

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(149, 135, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 135, 105) }
```

Border

The CSS property to change the border of an element to Yxy 24.7374, 0.3619, 0.3792 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(149, 135, 105) }
```

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

```
.border{ border-color:rgb(149, 135, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 135, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 135, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 135, 105);  
box-shadow:4px 4px 4px 4px rgb(149, 135,  
105) }
```


Background

The CSS property to change the background color of an element to Yxy 24.7374, 0.3619, 0.3792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 135, 105) }
```

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

```
.background{ background-color: rgb(149,  
135, 105) }
```

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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