

Converting Colors

$Y_{xy}(25.3359, 0.3679, 0.3974)$

Have a look what the booklet for
Yxy(25.3359, 0.3679, 0.3974)
contains.

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Color

Yxy(25.3359, 0.3679, 0.3974)

Conversions

Conversions Part 1

Format	Color
Hex	948A61
RGB	148, 138, 97
RGB Percent	58%, 54%, 38%
CMY	0.4197, 0.4588, 0.6196
CMYK	0.00, 0.07, 0.34, 0.42
HSL	48°, 21%, 48%
HSV	48°, 34%, 58%
XYZ	23.4552, 25.3359, 14.9631
YIQ	136.3160, 19.1210, -10.6310

Conversions

Conversions Part 2

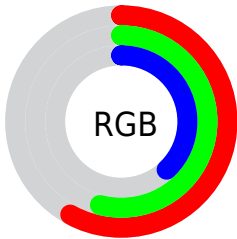
Format	Color
RYB	109, 148, 97
Decimal	9734753
CIELab	57.40, -2.77, 23.34
CIELCh	57, 23.508, 96.755
Yxy	25.3359, 0.3679, 0.3974
Android (android.graphics.Color)	4287924833 (0xFF948A61)
YUV	136.3160, -19.3828, 10.2469
Hunter-Lab	50.3348, -4.9079, 17.6091

Details

The Yxy color $25.3359, 0.3679, 0.3974$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $15.1857, 0.2552, 0.2496$, and the grayscale version is $24.8133, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.0962, 0.3568, 0.3825$, and $9.6965, 0.3864, 0.4215$ is the 20% darker color. If you saturate the color by 10%, you get $24.2675, 0.3851, 0.4169$, and if you desaturate by 10%, it is $26.4802, 0.3509, 0.3772$.

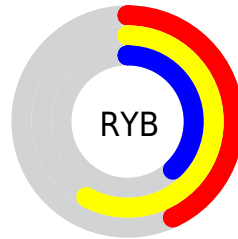
Distribution



Red (58%)

Green (54%)

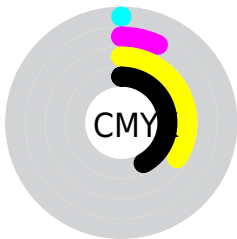
Blue (38%)



Red (43%)

Yellow (58%)

Blue (38%)

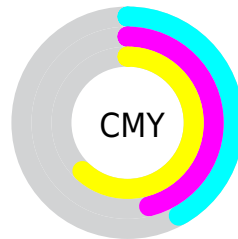


Cyan (0%)

Magenta (7%)

Yellow (34%)

Black (42%)



Cyan (42%)

Magenta (46%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.3359, 0.3679, 0.3974 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 25.3359, 0.3679, 0.3974 by changing the saturation by 10% instead.

■ 25.3359, 0.3679,
0.3974

■ 25.3359, 0.3679,
0.3974

279.5066, 0.3380,
0.3598

■ 16.3275, 0.3761,
0.4079

■ 52.2016, 0.3565,
0.3829

■ 9.7562, 0.3868,
0.4220

■ 70.8277, 0.3524,
0.3777

■ 5.2376, 0.4016,
0.4418

■ 93.4285, 0.3489,
0.3734

■ 2.3873, 0.4287,
0.4781

■ 120.3884, 0.3460,
0.3698

■ 0.8194, 0.4647,
0.5353

152.0918, 0.3436,
0.3668

■ 0.0000, 0.0000,
0.0000

188.9230, 0.3415,

0.3641

231.2665, 0.3396,
0.3618

■ 25.3359, 0.3679,
0.3974

■ 25.3359, 0.3679,
0.3974

■ 24.2675, 0.3851,
0.4169

■ 26.4802, 0.3509,
0.3772

■ 23.2685, 0.4020,
0.4348

■ 27.6997, 0.3346,
0.3571

■ 22.3367, 0.4180,
0.4502

■ 28.9983, 0.3192,
0.3375

■ 21.4685, 0.4322,
0.4622

■ 30.3784, 0.3049,
0.3187

■ 20.6596, 0.4441,
0.4701

■ 31.8423, 0.2919,
0.3011

■ 19.9048, 0.4533,
0.4736

■ 33.3923, 0.2799,
0.2847

■ 19.5011, 0.4579,
0.4746

■ 35.0305, 0.2692,
0.2696

■ 36.7590, 0.2595,
0.2558

■ 38.5798, 0.2507,
0.2431

Harmonies

Analogous

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



25.3359, 0.3900, 0.3763



25.3359, 0.3679, 0.3974



25.3359, 0.3316, 0.3999

Triad

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



25.3359, 0.3679, 0.3974



25.3359, 0.2407, 0.3045



25.3359, 0.3306, 0.2853

Complementary

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



25.3359, 0.3679, 0.3974



15.1857, 0.2552, 0.2496

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.



25.3359, 0.2900, 0.2678



25.3359, 0.3679, 0.3974



25.3359, 0.2404, 0.2765

Square

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



25.3359, 0.3679, 0.3974



25.3359, 0.2589, 0.3428



25.3359, 0.2578, 0.2642



25.3359, 0.3682, 0.3129

Rectangle

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



25.3359, 0.3679, 0.3974



25.3359, 0.3047, 0.3887



25.3359, 0.2578, 0.2642



25.3359, 0.3168, 0.2781

Sweetspot

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



25.3371, 0.3679, 0.3974



49.8509, 0.3279, 0.3487



15.9084, 0.3748, 0.3114



11.3136, 0.3299, 0.3512



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.



25.3371, 0.3679, 0.3974



43.3200, 0.3806, 0.4119



26.9949, 0.3457, 0.4172



6.5541, 0.3264, 0.3467



16.7017, 0.4576, 0.4749



0.2440, 0.4367, 0.4915

Inverse Universe

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



15.1857, 0.2552, 0.2496



22.7524, 0.2414, 0.2292



14.1506, 0.2706, 0.2344



5.8056, 0.2989, 0.3107



2.6059, 0.1562, 0.0821



0.0656, 0.1743, 0.1476

Previews

White Background



This preview shows how the Yxy color 25.3359, 0.3679, 0.3974 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 25.3359, 0.3679, 0.3974 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

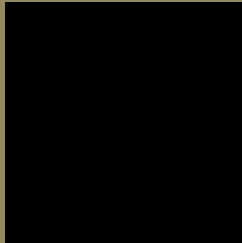
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.3359, 0.3679, 0.3974

Background



This preview shows how black text looks on a background with the Yxy color 25.3359, 0.3679, 0.3974.



This preview shows how white text looks on a background with the Yxy color 25.3359, 0.3679, 0.3974.

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

25.3359, 0.3679, 0.3974

Protanopia

25.4296, 0.3691, 0.3971

Deuteranopia

25.2769, 0.3897, 0.3823



Tritanopia

25.2580, 0.3249, 0.3115

Trichromacy



Original Color

25.3359, 0.3679, 0.3974

Protanomaly

25.4296, 0.3691, 0.3971

Deuteranomaly

25.2011, 0.3812, 0.3869

Tritanomaly

25.1359, 0.3411, 0.3422

Monochromacy



Original Color

25.3359, 0.3679, 0.3974

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

24.8719, 0.3319, 0.3546

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.3359, 0.3679, 0.3974 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(148, 138, 97)` looks like.

```
.text, #text, p{  
    color:rgb(148, 138, 97)  
}
```

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(148, 138, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 138, 97) }
```

Border

The CSS property to change the border of an element to Yxy 25.3359, 0.3679, 0.3974 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(148, 138, 97) }
```

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

```
.border{ border-color:rgb(148, 138, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 138, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 138, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 138, 97);  
box-shadow:4px 4px 4px 4px rgb(148, 138,  
97) }
```


Background

The CSS property to change the background color of an element to Yxy 25.3359, 0.3679, 0.3974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 138, 97) }
```

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

```
.background{ background-color: rgb(148,  
138, 97) }
```

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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