

Converting Colors

$Y_{xy}(25.1058, 0.3597, 0.3975)$

Have a look what the booklet for
Yxy(25.1058, 0.3597, 0.3975)
contains.

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Color

Yxy(25.2057, 0.3593, 0.3970)

Conversions

Conversions Part 1

Format	Color
Hex	8F8B63
RGB	143, 139, 99
RGB Percent	56%, 55%, 39%
CMY	0.4392, 0.4549, 0.6117
CMYK	0.00, 0.03, 0.31, 0.44
HSL	55°, 18%, 47%
HSV	55°, 31%, 56%
XYZ	22.8121, 25.2057, 15.4726
YIQ	135.6360, 15.2240, -11.5920

Conversions

Conversions Part 2

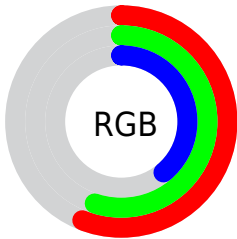
Format	Color
R_YB	103, 143, 99
Decimal	9407331
CIE Lab	57.28, -5.11, 21.97
CIE LCh	57, 22.557, 103.106
Yxy	25.2057, 0.3593, 0.3970
Android (android.graphics.Color)	4287597411 (0xFF8F8B63)
YUV	135.6360, -18.0615, 6.4582
Hunter-Lab	50.2053, -6.7530, 16.8713

Details

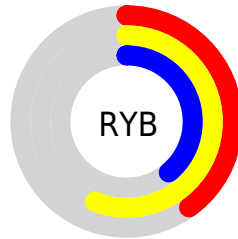
The Yxy color $25.2057, 0.3593, 0.3970$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $14.3391, 0.2612, 0.2504$, and the grayscale version is $24.5426, 0.3127, 0.3290$.

A 20% lighter version of the original color is $51.7716, 0.3497, 0.3821$, and $9.6680, 0.3752, 0.4215$ is the 20% darker color. If you saturate the color by 10%, you get $24.5838, 0.3748, 0.4187$, and if you desaturate by 10%, it is $25.8828, 0.3437, 0.3746$.

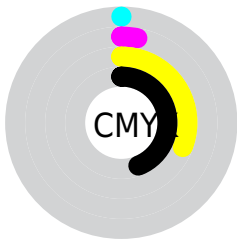
Distribution



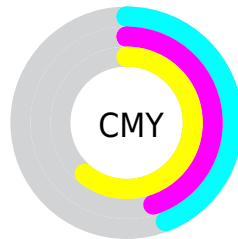
- Red (56%)
- Green (55%)
- Blue (39%)



- Red (40%)
- Yellow (56%)
- Blue (39%)



- Cyan (0%)
- Magenta (3%)
- Yellow (31%)
- Black (44%)




- Cyan (44%)
- Magenta (45%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.2057, 0.3593, 0.3970 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 25.2057, 0.3593, 0.3970 by changing the saturation by 10% instead.


 25.2057, 0.3593,
0.3970


 25.2057, 0.3593,
0.3970


278.8608, 0.3341,
0.3593


 16.2304, 0.3661,
0.4077


 51.9907, 0.3497,
0.3823


 9.6873, 0.3752,
0.4223


 70.5692, 0.3462,
0.3771

 5.1921, 0.3874,
0.4431

 93.1176, 0.3434,
0.3728

 2.3604, 0.4090,
0.4799

 120.0202, 0.3409,
0.3693

 0.8054, 0.4430,
0.5570

151.6614, 0.3388,
0.3662

 0.0000, 0.0000,
0.0000

188.4256, 0.3371,

0.3636

230.6973, 0.3355,
0.3613

■ 25.2057, 0.3593,
0.3970

■ 25.2057, 0.3593,
0.3970

■ 24.5838, 0.3748,
0.4187

■ 25.8828, 0.3437,
0.3746

■ 24.0111, 0.3896,
0.4390

■ 26.6139, 0.3284,
0.3523

■ 23.4859, 0.4031,
0.4569

■ 27.4026, 0.3138,
0.3306

■ 23.0051, 0.4148,
0.4715

■ 28.2509, 0.3000,
0.3099

■ 22.5652, 0.4242,
0.4822

■ 29.1608, 0.2872,
0.2905

■ 22.1621, 0.4311,
0.4887

■ 30.1341, 0.2754,
0.2724

■ 21.8114, 0.4358,
0.4922

■ 31.1727, 0.2647,
0.2558

■ 32.2782, 0.2549,
0.2406

■ 33.4524, 0.2461,
0.2268

Harmonies

Analogous

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



25.2057, 0.3841, 0.3800



25.2057, 0.3593, 0.3970



25.2057, 0.3228, 0.3946

Triad

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



25.2057, 0.3593, 0.3970



25.2057, 0.2418, 0.2987



25.2057, 0.3383, 0.2919

Complementary

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



25.2057, 0.3593, 0.3970



14.3391, 0.2612, 0.2504

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.



25.2057, 0.2989, 0.2725



25.2057, 0.3593, 0.3970



25.2057, 0.2452, 0.2747

Square

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



25.2057, 0.3593, 0.3970



25.2057, 0.2559, 0.3342



25.2057, 0.2654, 0.2660



25.2057, 0.3722, 0.3200

Rectangle

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



25.2057, 0.3593, 0.3970



25.2057, 0.2971, 0.3808



25.2057, 0.2654, 0.2660



25.2057, 0.3251, 0.2842

Sweetspot

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



25.2068, 0.3593, 0.3970



47.8812, 0.3261, 0.3489



15.7546, 0.3724, 0.3213



10.9386, 0.3281, 0.3518



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



25.2068, 0.3593, 0.3970



44.3531, 0.3702, 0.4124



24.9340, 0.3372, 0.4083



6.2030, 0.3261, 0.3488



19.3037, 0.4357, 0.4923



0.2004, 0.4268, 0.4993

Inverse Universe

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



14.3391, 0.2612, 0.2504



21.6475, 0.2475, 0.2290



14.6659, 0.2817, 0.2473



5.3288, 0.2990, 0.3084



2.0226, 0.1523, 0.0682



0.0318, 0.1624, 0.1045

Previews

White Background



This preview shows how the Yxy color 25.2057, 0.3593, 0.3970 looks on a white background.

Color Contrast Check

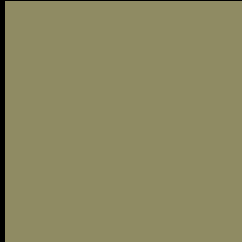
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.2057, 0.3593, 0.3970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

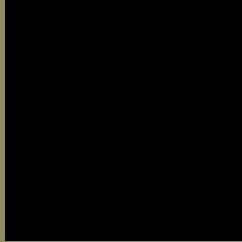
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.2057, 0.3593, 0.3970

Background



This preview shows how black text looks on a background with the Yxy color 25.2057, 0.3593, 0.3970.



This preview shows how white text looks on a background with the Yxy color 25.2057, 0.3593, 0.3970.

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

25.2057, 0.3593, 0.3970

Protanopia

25.0691, 0.3674, 0.3942

Deuteranopia

25.2286, 0.3850, 0.3779



Tritanopia

25.0846, 0.3181, 0.3112

Trichromacy



Original Color

25.2057, 0.3593, 0.3970

Protanomaly

25.1698, 0.3645, 0.3963

Deuteranomaly

25.3160, 0.3759, 0.3857

Tritanomaly

24.9975, 0.3327, 0.3407

Monochromacy



Original Color

25.2057, 0.3593, 0.3970

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

24.8103, 0.3296, 0.3530

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.2057, 0.3593, 0.3970 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(143, 139, 99)` looks like.

```
.text, #text, p{  
    color:rgb(143, 139, 99)  
}
```

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(143, 139, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 139, 99) }
```

Border

The CSS property to change the border of an element to Yxy 25.2057, 0.3593, 0.3970 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(143, 139, 99) }
```

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

```
.border{ border-color:rgb(143, 139, 99) }
```

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

Here you see how a box with a 4 pixel rgb(143, 139, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 139, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 139, 99);  
box-shadow:4px 4px 4px 4px rgb(143, 139,  
99) }
```


Background

The CSS property to change the background color of an element to Yxy 25.2057, 0.3593, 0.3970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 139, 99) }
```

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

```
.background{ background-color: rgb(143,  
139, 99) }
```

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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