

Converting Colors

$Yxy(25.0357, 0.3602, 0.3844)$

Have a look what the booklet for
Yxy(25.0357, 0.3602, 0.3844)
contains.

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Color

Yxy(25.0938, 0.3597, 0.3844)

Conversions

Conversions Part 1

Format	Color
Hex	938968
RGB	147, 137, 104
RGB Percent	58%, 54%, 41%
CMY	0.4234, 0.4628, 0.5921
CMYK	0.00, 0.07, 0.29, 0.42
HSL	46°, 17%, 49%
HSV	46°, 29%, 58%
XYZ	23.4814, 25.0938, 16.7053
YIQ	136.2280, 16.5530, -8.1430

Conversions

Conversions Part 2

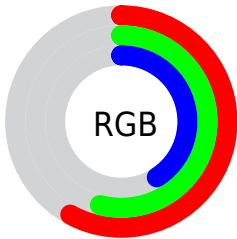
Format	Color
RYB	117, 147, 104
Decimal	9668968
CIELab	57.17, -1.64, 19.08
CIElCh	57, 19.151, 94.904
Yxy	25.0938, 0.3597, 0.3844
Android (android.graphics.Color)	4287859048 (0xFF938968)
YUV	136.2280, -15.8884, 9.4470
Hunter-Lab	50.0937, -3.9923, 15.2936

Details


The Yxy color $25.0938, 0.3597, 0.3844$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $17.0968, 0.2652, 0.2666$, and the grayscale version is $24.7686, 0.3127, 0.3290$.

A 20% lighter version of the original color is $51.6110, 0.3497, 0.3728$, and $9.5986, 0.3766, 0.4030$ is the 20% darker color. If you saturate the color by 10%, you get $23.8619, 0.3775, 0.4036$, and if you desaturate by 10%, it is $26.4111, 0.3426, 0.3650$.

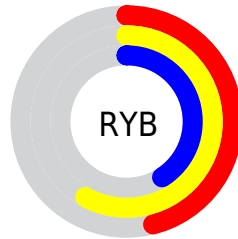
Distribution



 Red (58%)

 Green (54%)

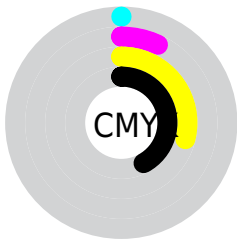
 Blue (41%)



 Red (46%)

 Yellow (58%)

 Blue (41%)

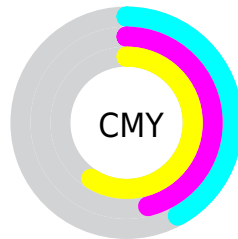


 Cyan (0%)


 Magenta (7%)

 Yellow (29%)

 Black (42%)



 Cyan (42%)


 Magenta (46%)


 Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.0938, 0.3597, 0.3844 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 25.0938, 0.3597, 0.3844 by changing the saturation by 10% instead.


 25.0938, 0.3597,
0.3844


 25.0938, 0.3597,
0.3844


278.3048, 0.3340,
0.3539

 16.1470, 0.3669,
0.3930


 51.8094, 0.3498,
0.3726


 9.6282, 0.3765,
0.4047


 70.3468, 0.3463,
0.3684

 5.1531, 0.3900,
0.4213

 92.8500, 0.3433,
0.3649

 2.3374, 0.4112,
0.4479

 119.7033, 0.3409,
0.3620

 0.7934, 0.4737,
0.5263

151.2909, 0.3388,
0.3595

 0.0000, 0.0000,
0.0000

187.9975, 0.3370,

0.3574

230.2073, 0.3354,
0.3555

■ 25.0938, 0.3597,
0.3844

■ 25.0938, 0.3597,
0.3844

■ 23.8619, 0.3775,
0.4036

■ 26.4111, 0.3426,
0.3650

■ 22.7089, 0.3954,
0.4217

■ 27.8132, 0.3265,
0.3460

■ 21.6329, 0.4130,
0.4379

■ 29.3039, 0.3117,
0.3277

■ 20.6302, 0.4295,
0.4513

■ 30.8855, 0.2980,
0.3104

■ 19.6968, 0.4440,
0.4609

■ 32.5605, 0.2856,
0.2942

■ 18.8282, 0.4561,
0.4661

■ 34.3312, 0.2744,
0.2793

■ 18.0140, 0.4659,
0.4676

■ 36.1996, 0.2644,
0.2656

■ 17.9549, 0.4666,
0.4677

■ 38.1679, 0.2553,
0.2530

■ 40.2381, 0.2473,
0.2414

Harmonies

Analogous

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



25.0938, 0.3765, 0.3670



25.0938, 0.3597, 0.3844



25.0938, 0.3306, 0.3868

Triad

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



25.0938, 0.3597, 0.3844



25.0938, 0.2538, 0.3112



25.0938, 0.3255, 0.2916

Complementary

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



25.0938, 0.3597, 0.3844



17.0968, 0.2652, 0.2666

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.



25.0938, 0.2924, 0.2777



25.0938, 0.3597, 0.3844



25.0938, 0.2525, 0.2872

Square

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



25.0938, 0.3597, 0.3844



25.0938, 0.2699, 0.3425



25.0938, 0.2662, 0.2757



25.0938, 0.3564, 0.3144

Rectangle

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



25.0938, 0.3597, 0.3844



25.0938, 0.3086, 0.3783



25.0938, 0.2662, 0.2757



25.0938, 0.3142, 0.2858

Sweetspot

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



25.0949, 0.3597, 0.3844



49.8063, 0.3264, 0.3458



17.3247, 0.3604, 0.3117



11.2907, 0.3285, 0.3484



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.



25.0949, 0.3597, 0.3844



43.4786, 0.3711, 0.3968



27.0740, 0.3425, 0.4029



6.5176, 0.3265, 0.3459



15.5978, 0.4663, 0.4680



0.2356, 0.4406, 0.4883

Inverse Universe

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



17.0968, 0.2652, 0.2666



26.8168, 0.2534, 0.2503



15.6880, 0.2765, 0.2499



5.8396, 0.2989, 0.3115



2.8662, 0.1581, 0.0891



0.0740, 0.1782, 0.1614

Previews

White Background



This preview shows how the Yxy color 25.0938, 0.3597, 0.3844 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 25.0938, 0.3597, 0.3844 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

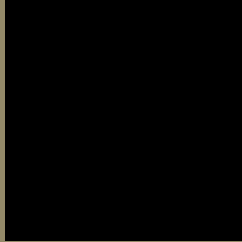
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.0938, 0.3597, 0.3844

Background



This preview shows how black text looks on a background with the Yxy color 25.0938, 0.3597, 0.3844.



This preview shows how white text looks on a background with the Yxy color 25.0938, 0.3597, 0.3844.

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

25.0938, 0.3597, 0.3844

Protanopia

25.0938, 0.3597, 0.3844

Deuteranopia

25.0995, 0.3780, 0.3720



Tritanopia

25.1309, 0.3249, 0.3130

Trichromacy



Original Color

25.0938, 0.3597, 0.3844

Protanomaly

25.0938, 0.3597, 0.3844

Deuteranomaly

25.1380, 0.3708, 0.3761

Tritanomaly

25.0927, 0.3376, 0.3389

Monochromacy



Original Color

25.0938, 0.3597, 0.3844

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

24.6390, 0.3299, 0.3495

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.0938, 0.3597, 0.3844 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(147, 137, 104)` looks like.

```
.text, #text, p{  
    color:rgb(147, 137, 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(147, 137, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 137, 104) }
```

Border

The CSS property to change the border of an element to Yxy 25.0938, 0.3597, 0.3844 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(147, 137, 104) }
```

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

```
.border{ border-color:rgb(147, 137, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 137, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(147, 137, 104); -webkit-box-shadow:4px 4px 4px 4px rgb(147, 137, 104); box-shadow:4px 4px 4px 4px rgb(147, 137, 104) }
```


Background

The CSS property to change the background color of an element to Yxy 25.0938, 0.3597, 0.3844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 137, 104) }
```

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

```
.background{ background-color: rgb(147,  
137, 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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