

Converting Colors

$Yxy(27.5144, 0.3748, 0.4023)$

Have a look what the booklet for
Yxy(27.5144, 0.3748, 0.4023)
contains.

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Color

Yxy(27.5759, 0.3748, 0.4023)

Conversions

Conversions Part 1

Format	Color
Hex	9C8F61
RGB	156, 143, 97
RGB Percent	61%, 56%, 38%
CMY	0.3882, 0.4392, 0.6196
CMYK	0.00, 0.08, 0.38, 0.39
HSL	47°, 23%, 50%
HSV	47°, 38%, 61%
XYZ	25.6909, 27.5759, 15.2788
YIQ	141.6430, 22.5140, -11.5500

Conversions

Conversions Part 2

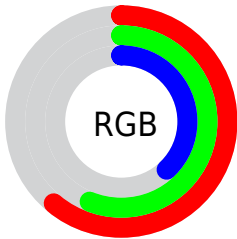
Format	Color
RYB	114, 156, 97
Decimal	10260321
CIELab	59.50, -2.16, 26.25
CIELCh	60, 26.338, 94.711
Yxy	27.5759, 0.3748, 0.4023
Android (android.graphics.Color)	4288450401 (0xFF9C8F61)
YUV	141.6430, -22.0090, 12.5911
Hunter-Lab	52.5128, -4.5695, 19.5082

Details

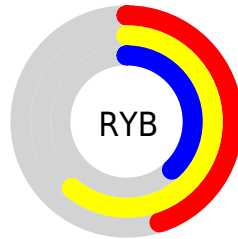
The Yxy color $27.5759, 0.3748, 0.4023$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $16.0949, 0.2490, 0.2428$, and the grayscale version is $26.9845, 0.3127, 0.3290$.

A 20% lighter version of the original color is $55.9195, 0.3619, 0.3879$, and $11.0020, 0.3952, 0.4264$ is the 20% darker color. If you saturate the color by 10%, you get $26.2978, 0.3926, 0.4210$, and if you desaturate by 10%, it is $28.9453, 0.3572, 0.3827$.

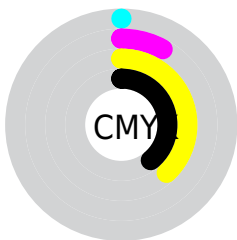
Distribution



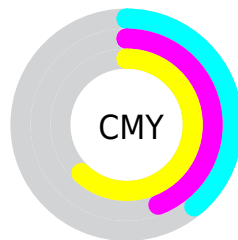
- Red (61%)
- Green (56%)
- Blue (38%)



- Red (45%)
- Yellow (61%)
- Blue (38%)



- Cyan (0%)
- Magenta (8%)
- Yellow (38%)
- Black (39%)





- Cyan (39%)
- Magenta (44%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.5759, 0.3748, 0.4023 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 27.5759, 0.3748, 0.4023 by changing the saturation by 10% instead.

 27.5759, 0.3748,
0.4023


 27.5759, 0.3748,
0.4023


290.4348, 0.3416,
0.3627


 18.0062, 0.3836,
0.4130


 55.8066, 0.3623,
0.3873

 10.9544, 0.3951,
0.4272


 75.2365, 0.3577,
0.3818

 6.0362, 0.4104,
0.4464

 98.7218, 0.3539,
0.3773

 2.8671, 0.4356,
0.4783

 126.6470, 0.3507,
0.3734

 1.0628, 0.4724,
0.5276

159.3965, 0.3479,
0.3702

 0.0000, 0.0000,
0.0000

197.3548, 0.3456,

0.3673

240.9061, 0.3435,
0.3649

■ 27.5759, 0.3748,
0.4023

■ 27.5759, 0.3748,
0.4023

■ 26.2978, 0.3926,
0.4210

■ 28.9453, 0.3572,
0.3827

■ 25.1037, 0.4100,
0.4378

■ 30.4058, 0.3403,
0.3630

■ 23.9908, 0.4262,
0.4518

■ 31.9616, 0.3244,
0.3436

■ 22.9547, 0.4406,
0.4620

■ 33.6157, 0.3096,
0.3250

■ 21.9900, 0.4525,
0.4679

■ 35.3709, 0.2961,
0.3075

■ 21.0880, 0.4618,
0.4697

■ 37.2300, 0.2838,
0.2912

■ 20.8964, 0.4638,
0.4699

■ 39.1954, 0.2727,
0.2761

■ 41.2696, 0.2627,
0.2623

■ 43.4549, 0.2537,
0.2496

Harmonies

Analogous

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



27.5759, 0.3977, 0.3779



27.5759, 0.3748, 0.4023



27.5759, 0.3359, 0.4072

Triad

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



27.5759, 0.3748, 0.4023



27.5759, 0.2355, 0.3046



27.5759, 0.3290, 0.2800

Complementary

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



27.5759, 0.3748, 0.4023



16.0949, 0.2490, 0.2428

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.



27.5759, 0.2852, 0.2621



27.5759, 0.3748, 0.4023



27.5759, 0.2338, 0.2734

Square

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



27.5759, 0.3748, 0.4023



27.5759, 0.2562, 0.3469



27.5759, 0.2513, 0.2592



27.5759, 0.3708, 0.3091

Rectangle

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



27.5759, 0.3748, 0.4023



27.5759, 0.3067, 0.3962



27.5759, 0.2513, 0.2592



27.5759, 0.3139, 0.2726

Sweetspot

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



27.5772, 0.3748, 0.4023



57.0691, 0.3297, 0.3501



16.7612, 0.3809, 0.3063



12.4802, 0.3316, 0.3525



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



27.5772, 0.3748, 0.4023



48.1985, 0.3892, 0.4175



30.2398, 0.3509, 0.4260



7.4722, 0.3266, 0.3463



17.2641, 0.4634, 0.4702



0.3653, 0.4429, 0.4865

Inverse Universe

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



16.0949, 0.2490, 0.2428



24.4361, 0.2338, 0.2205



14.4441, 0.2630, 0.2228



6.6605, 0.2988, 0.3111



2.9815, 0.1573, 0.0861



0.1085, 0.1757, 0.1526

Previews

White Background



This preview shows how the Yxy color 27.5759, 0.3748, 0.4023 looks on a white background.

Color Contrast Check

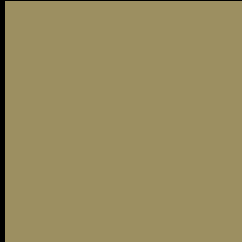
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.5759, 0.3748, 0.4023 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

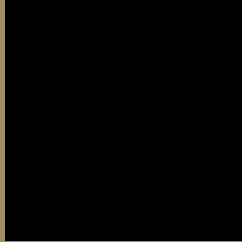
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.5759, 0.3748, 0.4023

Background



This preview shows how black text looks on a background with the Yxy color 27.5759, 0.3748, 0.4023.



This preview shows how white text looks on a background with the Yxy color 27.5759, 0.3748, 0.4023.

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

27.5759, 0.3748, 0.4023

Protanopia

27.4766, 0.3736, 0.4026

Deuteranopia

27.4311, 0.3950, 0.3877



Tritanopia

27.6793, 0.3301, 0.3138

Trichromacy



Original Color

27.5759, 0.3748, 0.4023

Protanomaly

27.4766, 0.3736, 0.4026

Deuteranomaly

27.4541, 0.3878, 0.3920

Tritanomaly

27.5238, 0.3469, 0.3447

Monochromacy



Original Color

27.5759, 0.3748, 0.4023

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

27.0554, 0.3345, 0.3553

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.5759, 0.3748, 0.4023 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(156, 143, 97)` looks like.

```
.text, #text, p{  
    color:rgb(156, 143, 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(156, 143, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 143, 97) }
```

Border

The CSS property to change the border of an element to Yxy 27.5759, 0.3748, 0.4023 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(156, 143, 97) }
```

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

```
.border{ border-color:rgb(156, 143, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 143, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 143, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 143, 97);  
box-shadow:4px 4px 4px 4px rgb(156, 143,  
97) }
```


Background

The CSS property to change the background color of an element to Yxy 27.5759, 0.3748, 0.4023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 143, 97) }
```

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

```
.background{ background-color: rgb(156,  
143, 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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