

Converting Colors

$Yxy(24.8745, 0.3393, 0.3947)$

Have a look what the booklet for
Yxy(24.8745, 0.3393, 0.3947)
contains.

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Color

Yxy(24.8745, 0.3393, 0.3947)

Conversions

Conversions Part 1

Format	Color
Hex	838D68
RGB	131, 141, 104
RGB Percent	51%, 55%, 41%
CMY	0.4863, 0.4470, 0.5923
CMYK	0.07, 0.00, 0.26, 0.45
HSL	76°, 15%, 48%
HSV	76°, 26%, 55%
XYZ	21.3831, 24.8745, 16.7637
YIQ	133.7920, 5.9170, -13.6270

Conversions

Conversions Part 2

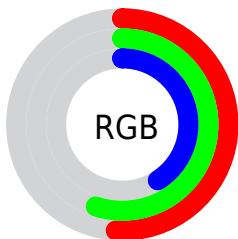
Format	Color
RYB	104, 141, 114
Decimal	8621416
CIELab	56.95, -10.35, 18.59
CIELCh	57, 21.277, 119.119
Yxy	24.8745, 0.3393, 0.3947
Android (android.graphics.Color)	4286811496 (0xFF838D68)
YUV	133.7920, -14.6875, -2.4486
Hunter-Lab	49.8743, -10.7500, 14.9836

Details

The Yxy color $24.8745, 0.3393, 0.3947$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $15.3941, 0.2811, 0.2593$, and the grayscale version is $23.8131, 0.3127, 0.3290$.

A 20% lighter version of the original color is $51.5871, 0.3339, 0.3811$, and $9.5269, 0.3469, 0.4198$ is the 20% darker color. If you saturate the color by 10%, you get $24.3142, 0.3489, 0.4211$, and if you desaturate by 10%, it is $25.4961, 0.3292, 0.3688$.

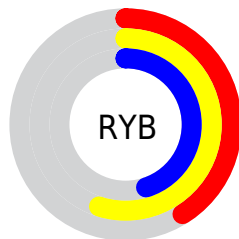
Distribution



Red (51%)

Green (55%)

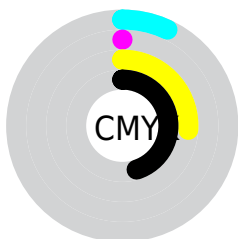
Blue (41%)



Red (41%)

Yellow (55%)

Blue (45%)

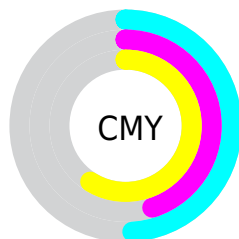


Cyan (7%)

Magenta (0%)

Yellow (26%)

Black (45%)



Cyan (49%)


Magenta (45%)

Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.8745, 0.3393, 0.3947 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 24.8745, 0.3393, 0.3947 by changing the saturation by 10% instead.


 24.8745, 0.3393,
0.3947


 24.8745, 0.3393,
0.3947


277.2124, 0.3252,
0.3577


 15.9836, 0.3430,
0.4056


 51.4536, 0.3340,
0.3801


 9.5125, 0.3479,
0.4207


 69.9105, 0.3320,
0.3750

 5.0770, 0.3543,
0.4430

 92.3248, 0.3304,
0.3708

 2.2925, 0.3638,
0.4803

 119.0811, 0.3290,
0.3673

 0.7697, 0.3835,
0.6165

150.5635, 0.3279,
0.3643

 0.0000, 0.0000,
0.0000

187.1567, 0.3268,

0.3618

229.2448, 0.3259,
0.3596

■ 24.8745, 0.3393,
0.3947

■ 24.8745, 0.3393,
0.3947

■ 24.3142, 0.3489,
0.4211

■ 25.4961, 0.3292,
0.3688

■ 23.8094, 0.3577,
0.4472

■ 26.1779, 0.3190,
0.3439

■ 23.3585, 0.3651,
0.4719

■ 26.9234, 0.3090,
0.3204

■ 22.9585, 0.3707,
0.4942

■ 27.7346, 0.2994,
0.2987

■ 22.6061, 0.3742,
0.5131

■ 28.6135, 0.2903,
0.2787

■ 22.2975, 0.3752,
0.5278

■ 29.5618, 0.2817,
0.2606

■ 22.0268, 0.3739,
0.5382

■ 30.5816, 0.2738,
0.2441

■ 21.9305, 0.3733,
0.5418

■ 31.6743, 0.2665,
0.2293

■ 32.8419, 0.2597,
0.2159

Harmonies

Analogous

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



24.8745, 0.3698, 0.3879



24.8745, 0.3393, 0.3947



24.8745, 0.3028, 0.3812

Triad

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



24.8745, 0.3393, 0.3947



24.8745, 0.2449, 0.2865



24.8745, 0.3555, 0.3073

Complementary

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



24.8745, 0.3393, 0.3947



15.3941, 0.2811, 0.2593

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.



24.8745, 0.3195, 0.2838



24.8745, 0.3393, 0.3947



24.8745, 0.2569, 0.2712

Square

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



24.8745, 0.3393, 0.3947



24.8745, 0.2496, 0.3152



24.8745, 0.2836, 0.2707



24.8745, 0.3801, 0.3366

Rectangle

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



24.8745, 0.3393, 0.3947



24.8745, 0.2801, 0.3622



24.8745, 0.2836, 0.2707



24.8745, 0.3442, 0.2986

Sweetspot

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



24.8756, 0.3393, 0.3947



46.6357, 0.3210, 0.3485



18.6625, 0.3621, 0.3468



10.3781, 0.3223, 0.3519



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



24.8756, 0.3393, 0.3947



43.8878, 0.3456, 0.4117



23.5350, 0.3186, 0.3992



6.2132, 0.3220, 0.3510



20.0033, 0.3735, 0.5416



0.2021, 0.3962, 0.5236

Inverse Universe

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



15.3941, 0.2811, 0.2593



23.7102, 0.2717, 0.2398



16.7535, 0.3044, 0.2638



5.3211, 0.3029, 0.3066



2.1375, 0.1688, 0.0703



0.0301, 0.2119, 0.0941

Previews

White Background



This preview shows how the Yxy color 24.8745, 0.3393, 0.3947 looks on a white background.

Color Contrast Check

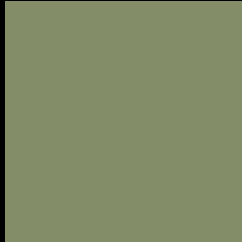
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.8745, 0.3393, 0.3947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

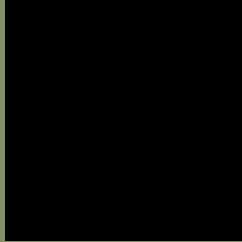
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.8745, 0.3393, 0.3947

Background



This preview shows how black text looks on a background with the Yxy color 24.8745, 0.3393, 0.3947.



This preview shows how white text looks on a background with the Yxy color 24.8745, 0.3393, 0.3947.

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

24.8745, 0.3393, 0.3947

Protanopia

24.6786, 0.3611, 0.3865

Deuteranopia

24.7468, 0.3761, 0.3691



Tritanopia

24.7216, 0.3037, 0.3106

Trichromacy



Original Color

24.8745, 0.3393, 0.3947

Protanomaly

24.8190, 0.3531, 0.3892

Deuteranomaly

24.7374, 0.3619, 0.3792

Tritanomaly

24.6809, 0.3167, 0.3393

Monochromacy



Original Color

24.8745, 0.3393, 0.3947

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

24.3079, 0.3228, 0.3535

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.8745, 0.3393, 0.3947 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(131, 141, 104)` looks like.

```
.text, #text, p{  
    color:rgb(131, 141, 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(131, 141, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 141, 104) }
```

Border

The CSS property to change the border of an element to Yxy 24.8745, 0.3393, 0.3947 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(131, 141, 104) }
```

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

```
.border{ border-color:rgb(131, 141, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 141, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 141, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 141, 104);  
box-shadow:4px 4px 4px 4px rgb(131, 141,  
104) }
```


Background

The CSS property to change the background color of an element to Yxy 24.8745, 0.3393, 0.3947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 141, 104) }
```

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

```
.background{ background-color: rgb(131,  
141, 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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