

Converting Colors

$Y_{xy}(24.9093, 0.3439, 0.3997)$

Have a look what the booklet for
Yxy(24.9093, 0.3439, 0.3997)
contains.

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Color

Yxy(24.8949, 0.3435, 0.3998)

Conversions

Conversions Part 1

Format	Color
Hex	848D65
RGB	132, 141, 101
RGB Percent	52%, 55%, 40%
CMY	0.4823, 0.4470, 0.6040
CMYK	0.06, 0.00, 0.28, 0.45
HSL	73°, 17%, 47%
HSV	73°, 28%, 55%
XYZ	21.3892, 24.8949, 15.9843
YIQ	133.7490, 7.4760, -14.3480

Conversions

Conversions Part 2

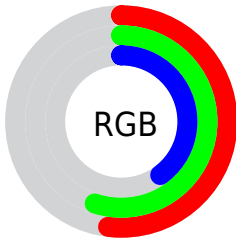
Format	Color
R_{YB}	101, 141, 110
Decimal	8686949
CIE _{Lab}	56.97, -10.41, 20.31
CIE _{LCh}	57, 22.823, 117.140
Yxy	24.8949, 0.3435, 0.3998
Android (android.graphics.Color)	4286877029 (0xFF848D65)
YUV	133.7490, -16.1453, -1.5339
Hunter-Lab	49.8948, -10.7955, 15.9322

Details

The Yxy color $24.8949, 0.3435, 0.3998$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $14.5404, 0.2758, 0.2524$, and the grayscale version is $23.8017, 0.3127, 0.3290$.

A 20% lighter version of the original color is $51.6115, 0.3370, 0.3849$, and $9.5424, 0.3529, 0.4270$ is the 20% darker color. If you saturate the color by 10%, you get $24.3912, 0.3538, 0.4257$, and if you desaturate by 10%, it is $25.4560, 0.3327, 0.3740$.

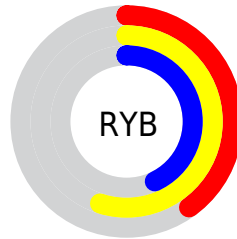
Distribution



Red (52%)

Green (55%)

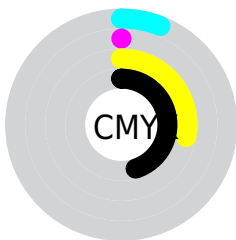
Blue (40%)



Red (40%)

Yellow (55%)

Blue (43%)

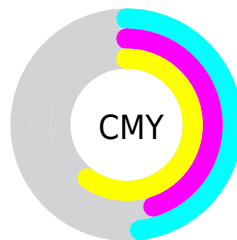


Cyan (6%)

Magenta (0%)

Yellow (28%)

Black (45%)



Cyan (48%)


Magenta (45%)


Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.8949, 0.3435, 0.3998 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 24.8949, 0.3435, 0.3998 by changing the saturation by 10% instead.


 24.8949, 0.3435,
0.3998


 24.8949, 0.3435,
0.3998


277.3141, 0.3271,
0.3599


 15.9988, 0.3478,
0.4115


 51.4867, 0.3374,
0.3841


 9.5233, 0.3534,
0.4277


 69.9511, 0.3351,
0.3786

 5.0840, 0.3607,
0.4514

 92.3737, 0.3332,
0.3741

 2.2967, 0.3728,
0.4928

 119.1390, 0.3316,
0.3703

 0.7719, 0.3832,
0.6168

150.6313, 0.3303,
0.3671

 0.0000, 0.0000,
0.0000

187.2350, 0.3291,

0.3644

229.3345, 0.3280,
0.3620

■ 24.8949, 0.3435,
0.3998

■ 24.8949, 0.3435,
0.3998

■ 24.3912, 0.3538,
0.4257

■ 25.4560, 0.3327,
0.3740

■ 23.9391, 0.3631,
0.4510

■ 26.0735, 0.3218,
0.3490

■ 23.5370, 0.3710,
0.4745

■ 26.7507, 0.3110,
0.3253

■ 23.1819, 0.3769,
0.4952

■ 27.4896, 0.3006,
0.3031

■ 22.8705, 0.3806,
0.5123

■ 28.2922, 0.2908,
0.2826

■ 22.5989, 0.3818,
0.5252

■ 29.1604, 0.2816,
0.2639

■ 22.3587, 0.3811,
0.5343

■ 30.0958, 0.2730,
0.2469

■ 22.3211, 0.3809,
0.5358

■ 31.1002, 0.2651,
0.2316

■ 32.1752, 0.2579,
0.2177

Harmonies

Analogous

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



24.8949, 0.3755, 0.3908



24.8949, 0.3435, 0.3998



24.8949, 0.3045, 0.3868

Triad

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



24.8949, 0.3435, 0.3998



24.8949, 0.2401, 0.2850



24.8949, 0.3562, 0.3038

Complementary

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



24.8949, 0.3435, 0.3998



14.5404, 0.2758, 0.2524

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.



24.8949, 0.3172, 0.2795



24.8949, 0.3435, 0.3998



24.8949, 0.2518, 0.2678

Square

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



24.8949, 0.3435, 0.3998



24.8949, 0.2462, 0.3164



24.8949, 0.2792, 0.2664



24.8949, 0.3839, 0.3348

Rectangle

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



24.8949, 0.3435, 0.3998



24.8949, 0.2799, 0.3670



24.8949, 0.2792, 0.2664



24.8949, 0.3439, 0.2947

Sweetspot

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



24.8960, 0.3435, 0.3998



46.5973, 0.3226, 0.3510



17.6791, 0.3680, 0.3448



10.3745, 0.3241, 0.3542



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.



24.8960, 0.3435, 0.3998



43.9973, 0.3501, 0.4163



23.4559, 0.3211, 0.4051



6.2251, 0.3226, 0.3510



20.3586, 0.3810, 0.5356



0.2043, 0.4004, 0.5203

Inverse Universe

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



14.5404, 0.2758, 0.2524



22.3301, 0.2658, 0.2328



15.9460, 0.3009, 0.2578



5.3099, 0.3022, 0.3065



2.0354, 0.1639, 0.0677



0.0279, 0.2027, 0.0890

Previews

White Background



This preview shows how the Yxy color 24.8949, 0.3435, 0.3998 looks on a white background.

Color Contrast Check

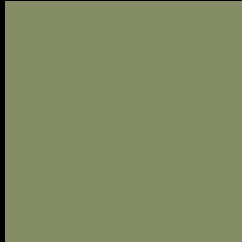
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.8949, 0.3435, 0.3998 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

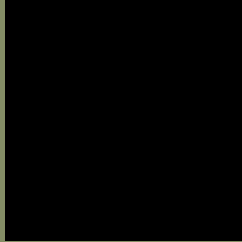
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

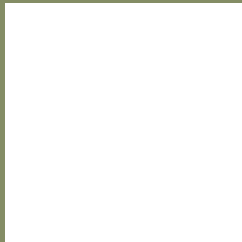
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 24.8949, 0.3435, 0.3998

Background



This preview shows how black text looks on a background with the Yxy color 24.8949, 0.3435, 0.3998.



This preview shows how white text looks on a background with the Yxy color 24.8949, 0.3435, 0.3998.

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

24.8949, 0.3435, 0.3998

Protanopia

24.7122, 0.3656, 0.3913

Deuteranopia

24.7889, 0.3808, 0.3737



Tritanopia

24.8065, 0.3048, 0.3107

Trichromacy



Original Color

24.8949, 0.3435, 0.3998

Protanomaly

24.8478, 0.3575, 0.3941

Deuteranomaly

24.7713, 0.3664, 0.3839

Tritanomaly

24.7373, 0.3188, 0.3410

Monochromacy



Original Color

24.8949, 0.3435, 0.3998

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

24.2830, 0.3238, 0.3553

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.8949, 0.3435, 0.3998 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(132, 141, 101)` looks like.

```
.text, #text, p{  
    color:rgb(132, 141, 101)  
}
```

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(132, 141, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 141, 101) }
```

Border

The CSS property to change the border of an element to Yxy 24.8949, 0.3435, 0.3998 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(132, 141, 101) }
```

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

```
.border{ border-color:rgb(132, 141, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 141, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 141, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 141, 101);  
box-shadow:4px 4px 4px 4px rgb(132, 141,  
101) }
```


Background

The CSS property to change the background color of an element to Yxy 24.8949, 0.3435, 0.3998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 141, 101) }
```

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

```
.background{ background-color: rgb(132,  
141, 101) }
```

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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