

Converting Colors

$Yxy(24.9484, 0.3478, 0.4076)$

Have a look what the booklet for
Yxy(24.9484, 0.3478, 0.4076)
contains.

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Color

Yxy(24.8184, 0.3475, 0.4069)

Conversions

Conversions Part 1

Format	Color
Hex	848D61
RGB	132, 141, 97
RGB Percent	52%, 55%, 38%
CMY	0.4824, 0.4470, 0.6196
CMYK	0.06, 0.00, 0.31, 0.45
HSL	72°, 18%, 47%
HSV	72°, 31%, 55%
XYZ	21.1954, 24.8184, 14.9801
YIQ	133.2930, 8.7600, -15.5920

Conversions

Conversions Part 2

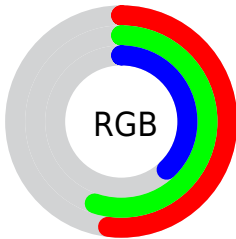
Format	Color
R_{YB}	97, 141, 106
Decimal	8686945
CIE _{Lab}	56.90, -11.01, 22.44
CIE _{LCh}	57, 24.994, 116.136
Yxy	24.8184, 0.3475, 0.4069
Android (android.graphics.Color)	4286877025 (0xFF848D61)
YUV	133.2930, -17.8924, -1.1340
Hunter-Lab	49.8181, -11.2378, 17.0444

Details

The Yxy color $24.8184, 0.3475, 0.4069$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $13.5368, 0.2704, 0.2435$, and the grayscale version is $23.6310, 0.3127, 0.3290$.

A 20% lighter version of the original color is $51.6074, 0.3409, 0.3900$, and $9.5063, 0.3586, 0.4372$ is the 20% darker color. If you saturate the color by 10%, you get $24.3494, 0.3579, 0.4325$, and if you desaturate by 10%, it is $25.3428, 0.3365, 0.3811$.

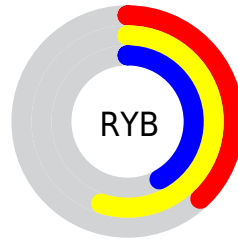
Distribution



Red (52%)

Green (55%)

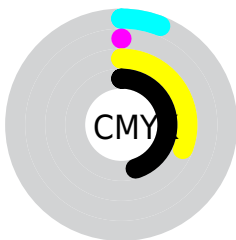
Blue (38%)



Red (38%)

Yellow (55%)

Blue (42%)

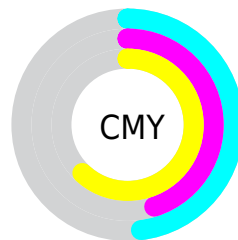


Cyan (6%)

Magenta (0%)

Yellow (31%)

Black (45%)



Cyan (48%)


Magenta (45%)

Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.8184, 0.3475, 0.4069 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 24.8184, 0.3475, 0.4069 by changing the saturation by 10% instead.


 24.8184, 0.3475,
0.4069


 24.8184, 0.3475,
0.4069


276.9324, 0.3291,
0.3630


 15.9418, 0.3523,
0.4197


 51.3625, 0.3406,
0.3896

 9.4830, 0.3584,
0.4374


 69.7987, 0.3381,
0.3836

 5.0575, 0.3662,
0.4632

 92.1903, 0.3360,
0.3786

 2.2811, 0.3823,
0.5125

 118.9217, 0.3342,
0.3744

 0.7637, 0.3744,
0.6256

150.3772, 0.3326,
0.3709

 0.0000, 0.0000,
0.0000

186.9412, 0.3313,

0.3679

228.9981, 0.3301,
0.3653

■ 24.8184, 0.3475,
0.4069

■ 24.8184, 0.3475,
0.4069

■ 24.3494, 0.3579,
0.4325

■ 25.3428, 0.3365,
0.3811

■ 23.9301, 0.3672,
0.4570

■ 25.9217, 0.3252,
0.3559

■ 23.5587, 0.3749,
0.4795


■ 26.5583, 0.3141,
0.3318

■ 23.2321, 0.3806,
0.4989


■ 27.2548, 0.3033,
0.3092

■ 22.9470, 0.3839,
0.5145

■ 28.0131, 0.2930,
0.2882

 22.6993, 0.3848,
0.5257

 28.8350, 0.2834,
0.2689

 22.5026, 0.3842,
0.5331

 29.7224, 0.2744,
0.2514

 30.6769, 0.2661,
0.2355

 31.7002, 0.2585,
0.2211

Harmonies

Analogous

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



24.8184, 0.3823, 0.3958



24.8184, 0.3475, 0.4069



24.8184, 0.3049, 0.3937

Triad

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



24.8184, 0.3475, 0.4069



24.8184, 0.2336, 0.2815



24.8184, 0.3591, 0.3004

Complementary

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



24.8184, 0.3475, 0.4069



13.5368, 0.2704, 0.2435

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.



24.8184, 0.3160, 0.2744



24.8184, 0.3475, 0.4069



24.8184, 0.2455, 0.2625

Square

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



24.8184, 0.3475, 0.4069



24.8184, 0.2407, 0.3163



24.8184, 0.2747, 0.2607



24.8184, 0.3902, 0.3338

Rectangle

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



24.8184, 0.3475, 0.4069



24.8184, 0.2779, 0.3721



24.8184, 0.2747, 0.2607



24.8184, 0.3454, 0.2907

Sweetspot

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



24.8195, 0.3475, 0.4069



46.6363, 0.3229, 0.3510



16.7924, 0.3756, 0.3451



10.3844, 0.3244, 0.3541



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.



24.8195, 0.3475, 0.4069



43.8766, 0.3544, 0.4238



23.2434, 0.3226, 0.4134



6.2303, 0.3229, 0.3509



20.5217, 0.3844, 0.5330



0.2053, 0.4022, 0.5189

Inverse Universe

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



13.5368, 0.2704, 0.2435



20.5731, 0.2594, 0.2227



15.0452, 0.2984, 0.2501



5.3050, 0.3020, 0.3065



1.9966, 0.1621, 0.0666



0.0269, 0.1985, 0.0867

Previews

White Background



This preview shows how the Yxy color 24.8184, 0.3475, 0.4069 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 24.8184, 0.3475, 0.4069 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

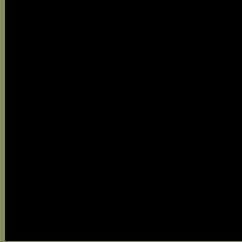
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

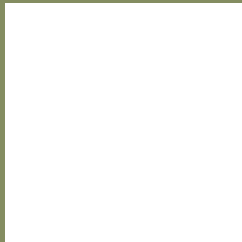
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 24.8184, 0.3475, 0.4069

Background



This preview shows how black text looks on a background with the Yxy color 24.8184, 0.3475, 0.4069.



This preview shows how white text looks on a background with the Yxy color 24.8184, 0.3475, 0.4069.

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

24.8184, 0.3475, 0.4069

Protanopia

24.6376, 0.3699, 0.3979

Deuteranopia

24.8148, 0.3867, 0.3797



Tritanopia

24.8065, 0.3048, 0.3107

Trichromacy



Original Color

24.8184, 0.3475, 0.4069

Protanomaly

24.7723, 0.3618, 0.4009

Deuteranomaly

24.7891, 0.3721, 0.3903

Tritanomaly

24.6841, 0.3209, 0.3445

Monochromacy



Original Color

24.8184, 0.3475, 0.4069

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

23.9509, 0.3261, 0.3572

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.8184, 0.3475, 0.4069 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, 97)` looks like.

```
.text, #text, p{  
    color:rgb(132, 141, 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(132, 141, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 141, 97) }
```

Border

The CSS property to change the border of an element to Yxy 24.8184, 0.3475, 0.4069 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, 97) }
```

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

```
.border{ border-color:rgb(132, 141, 97) }
```

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, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(132, 141, 97); -webkit-box-shadow:4px 4px 4px 4px rgb(132, 141, 97); box-shadow:4px 4px 4px 4px rgb(132, 141, 97) }
```


Background

The CSS property to change the background color of an element to Yxy 24.8184, 0.3475, 0.4069 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, 97) }
```

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

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