

Converting Colors

$Y_{xy}(24.4110, 0.3805, 0.4409)$

Have a look what the booklet for
Yxy(24.4110, 0.3805, 0.4409)
contains.

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Color

Yxy(24.4352, 0.3804, 0.4409)

Conversions

Conversions Part 1

Format	Color
Hex	8B8B49
RGB	139, 139, 73
RGB Percent	55%, 55%, 29%
CMY	0.4549, 0.4549, 0.7138
CMYK	0.00, 0.00, 0.48, 0.45
HSL	60°, 31%, 42%
HSV	60°, 48%, 55%
XYZ	21.0822, 24.4352, 9.9038
YIQ	131.4760, 21.1860, -20.5260

Conversions

Conversions Part 2

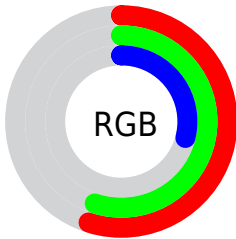
Format	Color
R_{YB}	73, 139, 73
Decimal	9145161
CIE Lab	56.52, -9.92, 35.09
CIE LCh	57, 36.468, 105.793
Yxy	24.4352, 0.3804, 0.4409
Android (android.graphics.Color)	4287335241 (0xFF8B8B49)
YUV	131.4760, -28.8287, 6.5985
Hunter-Lab	49.4320, -10.3776, 22.7235

Details

The Yxy color $24.4352, 0.3804, 0.4409$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $8.0414, 0.2261, 0.1857$, and the grayscale version is $22.9756, 0.3127, 0.3290$.

A 20% lighter version of the original color is $50.5987, 0.3679, 0.4167$, and $9.2412, 0.3995, 0.4809$ is the 20% darker color. If you saturate the color by 10%, you get $24.2721, 0.3924, 0.4607$, and if you desaturate by 10%, it is $24.6417, 0.3670, 0.4187$.

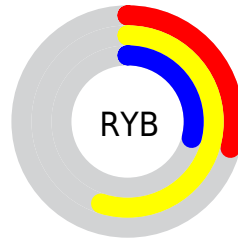
Distribution



Red (55%)

Green (55%)

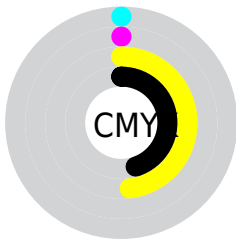
Blue (29%)



Red (29%)

Yellow (55%)

Blue (29%)

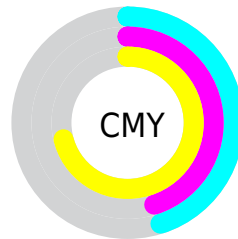


Cyan (0%)

Magenta (0%)

Yellow (48%)

Black (45%)



Cyan (45%)

Magenta (45%)

Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.4352, 0.3804, 0.4409 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 24.4352, 0.3804, 0.4409 by changing the saturation by 10% instead.


 24.4352, 0.3804,
0.4409


 24.4352, 0.3804,
0.4409


275.0134, 0.3450,
0.3789


 15.6568, 0.3890,
0.4580


 50.7395, 0.3675,
0.4170

 9.2816, 0.3993,
0.4805


 69.0341, 0.3626,
0.4084


 4.9253, 0.4113,
0.5114

 91.2695, 0.3585,
0.4013

 2.2035, 0.4326,
0.5674

 117.8302, 0.3550,
0.3954

 0.7219, 0.3807,
0.6193

 149.1006, 0.3520,
0.3903

 0.0000, 0.0000,
0.0000

185.4650, 0.3493,

0.3860

227.3078, 0.3470,
0.3822

■ 24.4352, 0.3804,
0.4409

■ 24.4352, 0.3804,
0.4409

■ 24.2721, 0.3924,
0.4607

■ 24.6417, 0.3670,
0.4187

■ 24.1464, 0.4024,
0.4773

■ 24.8909, 0.3527,
0.3951

■ 24.0559, 0.4101,
0.4901

■ 25.1861, 0.3380,
0.3708

■ 23.9971, 0.4154,
0.4988

■ 25.5295, 0.3234,
0.3467

■ 23.9631, 0.4186,
0.5041

■ 25.9231, 0.3092,
0.3232

■ 23.9554, 0.4193,
0.5053

■ 26.3689, 0.2957,
0.3009

■ 26.8686, 0.2831,
0.2800

■ 27.4240, 0.2714,
0.2607

■ 28.0367, 0.2606,
0.2429

Harmonies

Analogous

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



24.4352, 0.4246, 0.4105



24.4352, 0.3804, 0.4409



24.4352, 0.3205, 0.4382

Triad

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



24.4352, 0.3804, 0.4409



24.4352, 0.2013, 0.2731



24.4352, 0.3591, 0.2739

Complementary

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



24.4352, 0.3804, 0.4409



8.0414, 0.2261, 0.1857

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.



24.4352, 0.2945, 0.2435



24.4352, 0.3804, 0.4409



24.4352, 0.2089, 0.2399

Square

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



24.4352, 0.3804, 0.4409



24.4352, 0.2192, 0.3296



24.4352, 0.2410, 0.2309



24.4352, 0.4142, 0.3167

Rectangle

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



24.4352, 0.3804, 0.4409



24.4352, 0.2801, 0.4130



24.4352, 0.2410, 0.2309



24.4352, 0.3374, 0.2621

Sweetspot

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



24.4363, 0.3804, 0.4409



45.2880, 0.3333, 0.3631



10.7317, 0.4368, 0.3294



10.4092, 0.3362, 0.3678



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.



24.4363, 0.3804, 0.4409



43.4455, 0.3932, 0.4620



22.0106, 0.3407, 0.4579



5.8450, 0.3258, 0.3506



21.6195, 0.4193, 0.5053



0.1436, 0.4193, 0.5053

Inverse Universe

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



8.0414, 0.2261, 0.1857



10.3795, 0.2040, 0.1492



9.6893, 0.2689, 0.2007



4.8923, 0.2991, 0.3064



1.6824, 0.1500, 0.0600



0.0112, 0.1500, 0.0600

Previews

White Background



This preview shows how the Yxy color 24.4352, 0.3804, 0.4409 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 24.4352, 0.3804, 0.4409 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

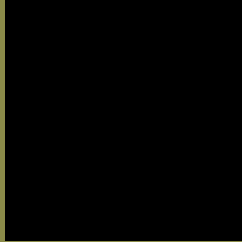
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.4352, 0.3804, 0.4409

Background



This preview shows how black text looks on a background with the Yxy color 24.4352, 0.3804, 0.4409.



This preview shows how white text looks on a background with the Yxy color 24.4352, 0.3804, 0.4409.

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

24.4352, 0.3804, 0.4409

Protanopia

24.4658, 0.3958, 0.4330

Deuteranopia

24.2078, 0.4185, 0.4112



Tritanopia

24.2966, 0.3181, 0.3110

Trichromacy



Original Color

24.4352, 0.3804, 0.4409

Protanomaly

24.3789, 0.3901, 0.4364

Deuteranomaly

24.3374, 0.4050, 0.4224

Tritanomaly

24.1742, 0.3416, 0.3580

Monochromacy



Original Color

24.4352, 0.3804, 0.4409

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

23.2443, 0.3385, 0.3717

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.4352, 0.3804, 0.4409 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(139, 139, 73)` looks like.

```
.text, #text, p{  
    color:rgb(139, 139, 73)  
}
```

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(139, 139, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 139, 73) }
```

Border

The CSS property to change the border of an element to Yxy 24.4352, 0.3804, 0.4409 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(139, 139, 73) }
```

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

```
.border{ border-color:rgb(139, 139, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 139, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 139, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 139, 73);  
box-shadow:4px 4px 4px 4px rgb(139, 139,  
73) }
```


Background

The CSS property to change the background color of an element to Yxy 24.4352, 0.3804, 0.4409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 139, 73) }
```

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

```
.background{ background-color: rgb(139,  
139, 73) }
```

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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