

Converting Colors

$Y_{xy}(24.7355, 0.3670, 0.4310)$

Have a look what the booklet for
Yxy(24.7355, 0.3670, 0.4310)
contains.

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Color

Yxy(24.8932, 0.3670, 0.4309)

Conversions

Conversions Part 1

Format	Color
Hex	888D52
RGB	136, 141, 82
RGB Percent	53%, 55%, 32%
CMY	0.4667, 0.4470, 0.6783
CMYK	0.04, 0.00, 0.42, 0.45
HSL	65°, 26%, 44%
HSV	65°, 42%, 55%
XYZ	21.2017, 24.8932, 11.6754
YIQ	132.7790, 15.9590, -19.4090

Conversions

Conversions Part 2

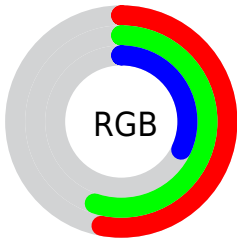
Format	Color
R_{YB}	82, 141, 87
Decimal	8949074
CIE _{Lab}	56.97, -11.30, 30.80
CIE _{LCh}	57, 32.802, 110.142
Yxy	24.8932, 0.3670, 0.4309
Android (android.graphics.Color)	4287139154 (0xFF888D52)
YUV	132.7790, -25.0340, 2.8248
Hunter-Lab	49.8931, -11.4607, 21.0508

Details

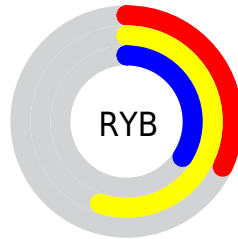
The Yxy color **24.8932, 0.3670, 0.4309** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **9.9899, 0.2437, 0.2070**, and the grayscale version is **23.4605, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.6433, 0.3565, 0.4099**, and **9.5348, 0.3829, 0.4686** is the 20% darker color. If you saturate the color by 10%, you get **24.6015, 0.3783, 0.4535**, and if you desaturate by 10%, it is **25.2324, 0.3545, 0.4068**.

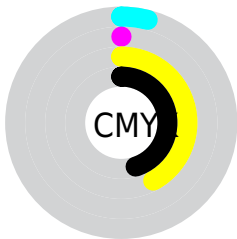
Distribution



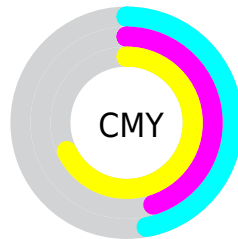
- Red (53%)
- Green (55%)
- Blue (32%)



- Red (32%)
- Yellow (55%)
- Blue (34%)



- Cyan (4%)
- Magenta (0%)
- Yellow (42%)
- Black (45%)



- Cyan (47%)
- Magenta (45%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.8932, 0.3670, 0.4309 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 24.8932, 0.3670, 0.4309 by changing the saturation by 10% instead.


 24.8932, 0.3670,
0.4309

 24.8932, 0.3670,
0.4309


 277.3057, 0.3386,
0.3740


 15.9975, 0.3740,
0.4470


 51.4839, 0.3566,
0.4088

 9.5224, 0.3826,
0.4688


 69.9477, 0.3527,
0.4009


 5.0835, 0.3927,
0.4989

 92.3697, 0.3494,
0.3944

 2.2963, 0.4257,
0.5743

 119.1342, 0.3466,
0.3890

 0.7718, 0.3723,
0.6277

 150.6256, 0.3441,
0.3844

 0.0000, 0.0000,
0.0000

187.2284, 0.3420,

0.3804

229.3270, 0.3402,
0.3770

■ 24.8932, 0.3670,
0.4309

■ 24.8932, 0.3670,
0.4309

■ 24.6015, 0.3783,
0.4535

■ 25.2324, 0.3545,
0.4068

■ 24.3512, 0.3881,
0.4735

■ 25.6182, 0.3414,
0.3820

■ 24.1404, 0.3957,
0.4903


■ 26.0540, 0.3281,
0.3572


■ 23.9657, 0.4009,
0.5031

■ 26.5420, 0.3151,
0.3333


■ 23.8229, 0.4037,
0.5117

■ 27.0843, 0.3025,
0.3104

 23.7205, 0.4048,
0.5167

 27.6826, 0.2906,
0.2891

 28.3390, 0.2794,
0.2693

 29.0551, 0.2691,
0.2512

 29.8325, 0.2597,
0.2346

Harmonies

Analogous

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



24.8932, 0.4092, 0.4083



24.8932, 0.3670, 0.4309



24.8932, 0.3123, 0.4221

Triad

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



24.8932, 0.3670, 0.4309



24.8932, 0.2113, 0.2736



24.8932, 0.3625, 0.2844

Complementary

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



24.8932, 0.3670, 0.4309



9.9899, 0.2437, 0.2070

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.



24.8932, 0.3048, 0.2546



24.8932, 0.3670, 0.4309



24.8932, 0.2217, 0.2462

Square

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



24.8932, 0.3670, 0.4309



24.8932, 0.2246, 0.3219



24.8932, 0.2542, 0.2406



24.8932, 0.4085, 0.3248

Rectangle

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



24.8932, 0.3670, 0.4309



24.8932, 0.2765, 0.3966



24.8932, 0.2542, 0.2406



24.8932, 0.3436, 0.2730

Sweetspot

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



24.8943, 0.3670, 0.4309



46.5370, 0.3301, 0.3608



13.0798, 0.4115, 0.3383



10.3586, 0.3327, 0.3657



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.



24.8943, 0.3670, 0.4309



44.0919, 0.3775, 0.4518



22.7615, 0.3326, 0.4436



6.2625, 0.3246, 0.3508



21.6310, 0.4049, 0.5167



0.2112, 0.4125, 0.5106

Inverse Universe

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



9.9899, 0.2437, 0.2070



13.7498, 0.2254, 0.1758



11.7046, 0.2822, 0.2190



5.2755, 0.3002, 0.3064



1.8279, 0.1538, 0.0621



0.0210, 0.1713, 0.0717

Previews

White Background



This preview shows how the Yxy color 24.8932, 0.3670, 0.4309 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 24.8932, 0.3670, 0.4309 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

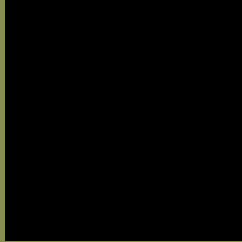
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.8932, 0.3670, 0.4309

Background



This preview shows how black text looks on a background with the Yxy color 24.8932, 0.3670, 0.4309.



This preview shows how white text looks on a background with the Yxy color 24.8932, 0.3670, 0.4309.

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

24.8932, 0.3670, 0.4309

Protanopia

24.9545, 0.3885, 0.4221

Deuteranopia

24.6047, 0.4080, 0.4000



Tritanopia

24.9035, 0.3124, 0.3126

Trichromacy



Original Color

24.8932, 0.3670, 0.4309

Protanomaly

24.7908, 0.3808, 0.4242

Deuteranomaly

24.5448, 0.3925, 0.4115

Tritanomaly

24.8472, 0.3329, 0.3564

Monochromacy



Original Color

24.8932, 0.3670, 0.4309

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

23.8916, 0.3337, 0.3678

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.8932, 0.3670, 0.4309 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(136, 141, 82)` looks like.

```
.text, #text, p{  
    color:rgb(136, 141, 82)  
}
```

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(136, 141, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 141, 82) }
```

Border

The CSS property to change the border of an element to Yxy 24.8932, 0.3670, 0.4309 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(136, 141, 82) }
```

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

```
.border{ border-color:rgb(136, 141, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 141, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 141, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 141, 82);  
box-shadow:4px 4px 4px 4px rgb(136, 141,  
82) }
```


Background

The CSS property to change the background color of an element to Yxy 24.8932, 0.3670, 0.4309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 141, 82) }
```

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

```
.background{ background-color: rgb(136,  
141, 82) }
```

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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