

Converting Colors

$Y_{xy}(24.9841, 0.3401, 0.3560)$

Have a look what the booklet for
Yxy(24.9841, 0.3401, 0.3560)
contains.

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Color

Yxy(24.9841, 0.3401, 0.3560)

Conversions

Conversions Part 1

Format	Color
Hex	918878
RGB	145, 136, 120
RGB Percent	57%, 53%, 47%
CMY	0.4314, 0.4666, 0.5295
CMYK	0.00, 0.06, 0.17, 0.43
HSL	38°, 10%, 52%
HSV	38°, 17%, 57%
XYZ	23.8682, 24.9841, 21.3277
YIQ	136.8670, 10.5000, -3.0680

Conversions

Conversions Part 2

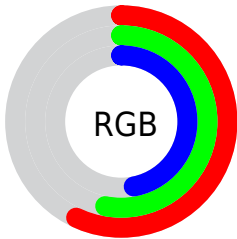
Format	Color
R_{YB}	134, 145, 120
Decimal	9537656
CIE Lab	57.06, 0.54, 9.81
CIE LCh	57, 9.829, 86.870
Yxy	24.9841, 0.3401, 0.3560
Android (android.graphics.Color)	4287727736 (0xFF918878)
YUV	136.8670, -8.3154, 7.1326
Hunter-Lab	49.9841, -2.2355, 9.6904

Details

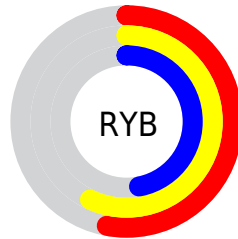
The Yxy color **24.9841, 0.3401, 0.3560** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **21.7243, 0.2862, 0.3005**, and the grayscale version is **24.9918, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.5159, 0.3345, 0.3502**, and **9.5031, 0.3492, 0.3641** is the 20% darker color. If you saturate the color by 10%, you get **23.2290, 0.3582, 0.3724**, and if you desaturate by 10%, it is **26.8659, 0.3236, 0.3401**.

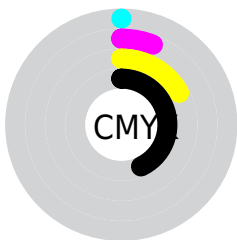
Distribution



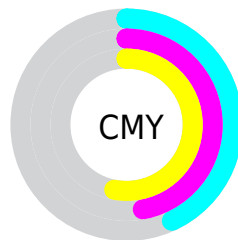
- Red (57%)
- Green (53%)
- Blue (47%)



- Red (53%)
- Yellow (57%)
- Blue (47%)



- Cyan (0%)
- Magenta (6%)
- Yellow (17%)
- Black (43%)





- Cyan (43%)
- Magenta (47%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.9841, 0.3401, 0.3560 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 24.9841, 0.3401, 0.3560 by changing the saturation by 10% instead.


 24.9841, 0.3401,
0.3560


 24.9841, 0.3401,
0.3560


277.7588, 0.3250,
0.3411


 16.0652, 0.3444,
0.3602


 51.6314, 0.3342,
0.3502

 9.5703, 0.3504,
0.3661


 70.1287, 0.3321,
0.3482

 5.1150, 0.3590,
0.3745

 92.5874, 0.3304,
0.3465

 2.3149, 0.3727,
0.3878

119.3922, 0.3290,
0.3451

 0.7816, 0.4441,
0.4591

150.9273, 0.3278,
0.3439

 0.0000, 0.0000,
0.0000

187.5772, 0.3267,

0.3428

229.7262, 0.3258,
0.3419

■ 24.9841, 0.3401,
0.3560

■ 24.9841, 0.3401,
0.3560

■ 23.2290, 0.3582,
0.3724

■ 26.8659, 0.3236,
0.3401

■ 21.5939, 0.3777,
0.3889

■ 28.8742, 0.3088,
0.3249

■ 20.0763, 0.3984,
0.4048

■ 31.0133, 0.2955,
0.3107

■ 18.6724, 0.4197,
0.4192

■ 33.2862, 0.2837,
0.2975

■ 17.3780, 0.4409,
0.4311

■ 35.6955, 0.2731,
0.2853

■ 16.1885, 0.4609,
0.4395

■ 38.2441, 0.2638,
0.2742

■ 15.0988, 0.4788,
0.4434

■ 40.9346, 0.2555,
0.2639

■ 14.1008, 0.4941,
0.4429

■ 43.7695, 0.2481,
0.2545

■ 13.8381, 0.4983,
0.4425

■ 46.7513, 0.2415,
0.2459

Harmonies

Analogous

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



24.9841, 0.3461, 0.3461



24.9841, 0.3401, 0.3560



24.9841, 0.3267, 0.3587

Triad

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



24.9841, 0.3401, 0.3560



24.9841, 0.2834, 0.3245



24.9841, 0.3149, 0.3066

Complementary

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



24.9841, 0.3401, 0.3560



21.7243, 0.2862, 0.3005

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.



24.9841, 0.2982, 0.3009



24.9841, 0.3401, 0.3560



24.9841, 0.2804, 0.3106

Square

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



24.9841, 0.3401, 0.3560



24.9841, 0.2941, 0.3402



24.9841, 0.2857, 0.3022



24.9841, 0.3314, 0.3180

Rectangle

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



24.9841, 0.3401, 0.3560



24.9841, 0.3156, 0.3558



24.9841, 0.2857, 0.3022



24.9841, 0.3091, 0.3040

Sweetspot

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



24.9852, 0.3401, 0.3560



48.8753, 0.3203, 0.3368



21.0359, 0.3332, 0.3135



10.8238, 0.3213, 0.3377



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



24.9852, 0.3401, 0.3560



43.4099, 0.3475, 0.3629



27.3213, 0.3340, 0.3709



5.9642, 0.3267, 0.3431



11.9224, 0.4977, 0.4430



0.1558, 0.4556, 0.4765

Inverse Universe

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



21.7243, 0.2862, 0.3005



36.3568, 0.2794, 0.2927



19.7068, 0.2893, 0.2845



5.5521, 0.2990, 0.3145



3.9089, 0.1664, 0.1191



0.0764, 0.1894, 0.2016

Previews

White Background



This preview shows how the Yxy color 24.9841, 0.3401, 0.3560 looks on a white background.

Color Contrast Check

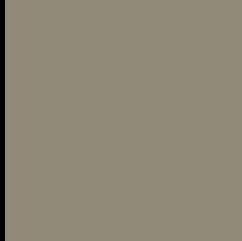
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.9841, 0.3401, 0.3560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

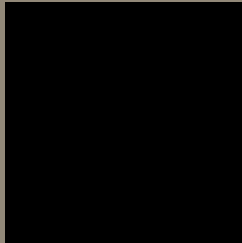
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.9841, 0.3401, 0.3560

Background



This preview shows how black text looks on a background with the Yxy color 24.9841, 0.3401, 0.3560.



This preview shows how white text looks on a background with the Yxy color 24.9841, 0.3401, 0.3560.

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

24.9841, 0.3401, 0.3560

Protanopia

25.0870, 0.3375, 0.3578

Deuteranopia

24.9509, 0.3533, 0.3469



Tritanopia

25.0541, 0.3191, 0.3128

Trichromacy



Original Color

24.9841, 0.3401, 0.3560

Protanomaly

25.1767, 0.3387, 0.3577

Deuteranomaly

24.8309, 0.3482, 0.3488

Tritanomaly

25.0025, 0.3265, 0.3274

Monochromacy



Original Color

24.9841, 0.3401, 0.3560

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

25.1055, 0.3223, 0.3392

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.9841, 0.3401, 0.3560 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(145, 136, 120)` looks like.

```
.text, #text, p{  
    color:rgb(145, 136, 120)  
}
```

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(145, 136, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 136, 120) }
```

Border

The CSS property to change the border of an element to Yxy 24.9841, 0.3401, 0.3560 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(145, 136, 120) }
```

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

```
.border{ border-color:rgb(145, 136, 120) }
```

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

Here you see how a box with a 4 pixel rgb(145, 136, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 136, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 136, 120);  
box-shadow:4px 4px 4px 4px rgb(145, 136,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 24.9841, 0.3401, 0.3560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 136, 120) }
```

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

```
.background{ background-color: rgb(145,  
136, 120) }
```

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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