

Converting Colors

$Yxy(24.9405, 0.3375, 0.3568)$

Have a look what the booklet for
Yxy(24.9405, 0.3375, 0.3568)
contains.

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Color

Yxy(24.8040, 0.3378, 0.3562)

Conversions

Conversions Part 1

Format	Color
Hex	8F8878
RGB	143, 136, 120
RGB Percent	56%, 53%, 47%
CMY	0.4392, 0.4667, 0.5295
CMYK	0.00, 0.05, 0.16, 0.44
HSL	42°, 9%, 52%
HSV	42°, 16%, 56%
XYZ	23.5227, 24.8040, 21.3083
YIQ	136.2690, 9.3080, -3.4920

Conversions

Conversions Part 2

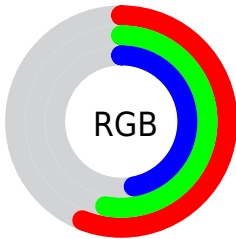
Format	Color
RYB	130, 143, 120
Decimal	9406584
CIELab	56.88, -0.23, 9.55
CIElCh	57, 9.549, 91.407
Yxy	24.8040, 0.3378, 0.3562
Android (android.graphics.Color)	4287596664 (0xFF8F8878)
YUV	136.2690, -8.0206, 5.9031
Hunter-Lab	49.8036, -2.8491, 9.4955

Details

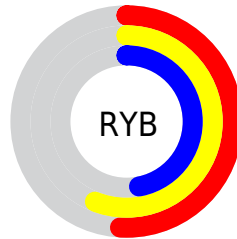
The Yxy color **24.8040, 0.3378, 0.3562** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **21.1507, 0.2880, 0.3002**, and the grayscale version is **24.7553, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.2441, 0.3327, 0.3503**, and **9.4506, 0.3474, 0.3643** is the 20% darker color. If you saturate the color by 10%, you get **23.2818, 0.3552, 0.3739**, and if you desaturate by 10%, it is **26.4301, 0.3218, 0.3391**.

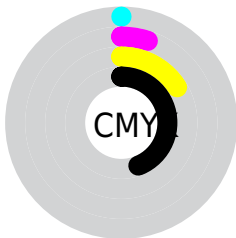
Distribution



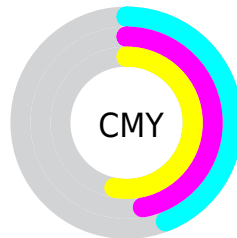
- Red (56%)
- Green (53%)
- Blue (47%)



- Red (51%)
- Yellow (56%)
- Blue (47%)



- Cyan (0%)
- Magenta (5%)
- Yellow (16%)
- Black (44%)





- Cyan (44%)
- Magenta (47%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.8040, 0.3378, 0.3562 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 24.8040, 0.3378, 0.3562 by changing the saturation by 10% instead.


 24.8040, 0.3378,
0.3562

 24.8040, 0.3378,
0.3562


276.8604, 0.3240,
0.3412


 15.9311, 0.3418,
0.3605


 51.3391, 0.3324,
0.3503

 9.4754, 0.3472,
0.3664


 69.7700, 0.3305,
0.3483

 5.0525, 0.3552,
0.3751

 92.1558, 0.3289,
0.3466

 2.2781, 0.3677,
0.3888

118.8807, 0.3276,
0.3451

 0.7621, 0.4373,
0.4638

150.3293, 0.3265,
0.3439

 0.0000, 0.0000,
0.0000

186.8858, 0.3255,

0.3429

228.9347, 0.3247,
0.3420

■ 24.8040, 0.3378,
0.3562

■ 24.8040, 0.3378,
0.3562

■ 23.2818, 0.3552,
0.3739

■ 26.4301, 0.3218,
0.3391

■ 21.8572, 0.3737,
0.3916

■ 28.1596, 0.3072,
0.3228

■ 20.5285, 0.3931,
0.4087

■ 29.9961, 0.2941,
0.3075

■ 19.2922, 0.4128,
0.4243

■ 31.9421, 0.2823,
0.2933

■ 18.1449, 0.4321,
0.4376

■ 33.9999, 0.2717,
0.2801

■ 17.0826, 0.4500,
0.4474

■ 36.1720, 0.2623,
0.2681

■ 16.1008, 0.4658,
0.4529

■ 38.4604, 0.2538,
0.2570

■ 15.1931, 0.4789,
0.4539

■ 40.8673, 0.2463,
0.2469

■ 14.8549, 0.4840,
0.4539

■ 43.3948, 0.2396,
0.2377

Harmonies

Analogous

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



24.8040, 0.3449, 0.3475



24.8040, 0.3378, 0.3562



24.8040, 0.3240, 0.3576

Triad

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



24.8040, 0.3378, 0.3562



24.8040, 0.2832, 0.3224



24.8040, 0.3174, 0.3086

Complementary

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



24.8040, 0.3378, 0.3562



21.1507, 0.2880, 0.3002

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.



24.8040, 0.3009, 0.3020



24.8040, 0.3378, 0.3562



24.8040, 0.2815, 0.3095

Square

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



24.8040, 0.3378, 0.3562



24.8040, 0.2926, 0.3377



24.8040, 0.2879, 0.3022



24.8040, 0.3330, 0.3203

Rectangle

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



24.8040, 0.3378, 0.3562



24.8040, 0.3130, 0.3539



24.8040, 0.2879, 0.3022



24.8040, 0.3118, 0.3057

Sweetspot

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



24.8051, 0.3378, 0.3562



47.6235, 0.3203, 0.3374



20.8070, 0.3330, 0.3165



10.8776, 0.3212, 0.3384



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.



24.8051, 0.3378, 0.3562



43.4940, 0.3434, 0.3620



26.4764, 0.3313, 0.3681



6.0120, 0.3265, 0.3443



13.1692, 0.4836, 0.4543



0.1649, 0.4487, 0.4819

Inverse Universe

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



21.1507, 0.2880, 0.3002



35.7923, 0.2826, 0.2937



19.7100, 0.2923, 0.2879



5.5061, 0.2990, 0.3133



3.3496, 0.1625, 0.1051



0.0673, 0.1848, 0.1851

Previews

White Background



This preview shows how the Yxy color 24.8040, 0.3378, 0.3562 looks on a white background.

Color Contrast Check

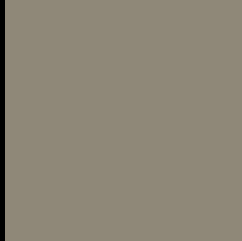
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.8040, 0.3378, 0.3562 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

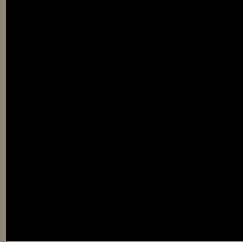
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

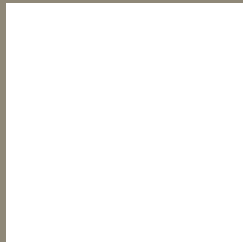
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 24.8040, 0.3378, 0.3562

Background



This preview shows how black text looks on a background with the Yxy color 24.8040, 0.3378, 0.3562.



This preview shows how white text looks on a background with the Yxy color 24.8040, 0.3378, 0.3562.

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

24.8040, 0.3378, 0.3562

Protanopia

24.8040, 0.3378, 0.3562

Deuteranopia

24.8516, 0.3521, 0.3470



Tritanopia

24.8692, 0.3169, 0.3127

Trichromacy



Original Color

24.8040, 0.3378, 0.3562

Protanomaly

24.8040, 0.3378, 0.3562

Deuteranomaly

24.7348, 0.3470, 0.3489

Tritanomaly

24.8192, 0.3242, 0.3274

Monochromacy



Original Color

24.8040, 0.3378, 0.3562

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

24.7090, 0.3224, 0.3392

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.8040, 0.3378, 0.3562 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(143, 136, 120)` looks like.

```
.text, #text, p{  
    color:rgb(143, 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(143, 136, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 136, 120) }
```

Border

The CSS property to change the border of an element to Yxy 24.8040, 0.3378, 0.3562 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(143, 136, 120) }
```

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

```
.border{ border-color:rgb(143, 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(143, 136, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 136, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 136, 120);  
box-shadow:4px 4px 4px 4px rgb(143, 136,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 24.8040, 0.3378, 0.3562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 136, 120) }
```

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

```
.background{ background-color: rgb(143,  
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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