

Converting Colors

$Y_{xy}(24.8052, 0.3678, 0.3715)$

Have a look what the booklet for
Yxy(24.8052, 0.3678, 0.3715)
contains.

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Color

Yxy(24.8052, 0.3678, 0.3715)

Conversions

Conversions Part 1

Format	Color
Hex	9B856B
RGB	155, 133, 107
RGB Percent	61%, 52%, 42%
CMY	0.3922, 0.4784, 0.5803
CMYK	0.00, 0.14, 0.31, 0.39
HSL	33°, 19%, 51%
HSV	33°, 31%, 61%
XYZ	24.5581, 24.8052, 17.4070
YIQ	136.6140, 21.4580, -3.4220

Conversions

Conversions Part 2

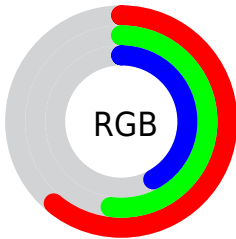
Format	Color
R_{YB}	148, 155, 107
Decimal	10192235
CIE _{Lab}	56.89, 4.30, 17.12
CIE _{LCh}	57, 17.649, 75.896
Yxy	24.8052, 0.3678, 0.3715
Android (android.graphics.Color)	4288382315 (0xFF9B856B)
YUV	136.6140, -14.5997, 16.1245
Hunter-Lab	49.8048, 0.8577, 14.1412

Details

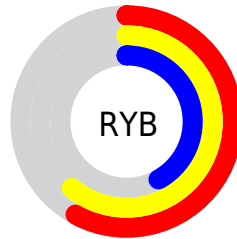
The Yxy color **24.8052, 0.3678, 0.3715** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **21.1930, 0.2641, 0.2823**, and the grayscale version is **24.9136, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.2881, 0.3563, 0.3632**, and **9.5400, 0.3888, 0.3883** is the 20% darker color. If you saturate the color by 10%, you get **22.6292, 0.3898, 0.3856**, and if you desaturate by 10%, it is **27.1735, 0.3478, 0.3573**.

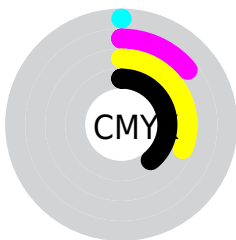
Distribution



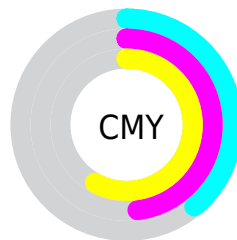
- Red (61%)
- Green (52%)
- Blue (42%)



- Red (58%)
- Yellow (61%)
- Blue (42%)



- Cyan (0%)
- Magenta (14%)
- Yellow (31%)
- Black (39%)




- Cyan (39%)
- Magenta (48%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.8052, 0.3678, 0.3715 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 24.8052, 0.3678, 0.3715 by changing the saturation by 10% instead.


 24.8052, 0.3678,
0.3715


 24.8052, 0.3678,
0.3715


276.8664, 0.3373,
0.3485


 15.9320, 0.3765,
0.3778


 51.3410, 0.3560,
0.3627


 9.4760, 0.3883,
0.3863

 69.7724, 0.3518,
0.3595

 5.0530, 0.4053,
0.3980

 92.1587, 0.3483,
0.3569

 2.2784, 0.4318,
0.4153

 118.8842, 0.3454,
0.3547

 0.7622, 0.5211,
0.4789

150.3333, 0.3429,
0.3528

 0.0000, 0.0000,
0.0000

186.8904, 0.3408,

0.3511

228.9400, 0.3390,
0.3497

■ 24.8052, 0.3678,
0.3715

■ 24.8052, 0.3678,
0.3715

■ 22.6292, 0.3898,
0.3856

■ 27.1735, 0.3478,
0.3573

■ 20.6364, 0.4136,
0.3990

■ 29.7360, 0.3300,
0.3434

■ 18.8217, 0.4385,
0.4105

■ 32.4991, 0.3141,
0.3302

■ 17.1788, 0.4637,
0.4192

■ 35.4676, 0.3002,
0.3179

■ 15.7003, 0.4877,
0.4239

■ 38.6462, 0.2879,
0.3064

■ 14.3784, 0.5092,
0.4236

■ 42.0396, 0.2772,
0.2958

■ 13.3036, 0.5267,
0.4200

■ 45.6521, 0.2677,
0.2861

■ 49.4878, 0.2594,
0.2772

■ 53.5511, 0.2521,
0.2691

Harmonies

Analogous

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



24.8052, 0.3731, 0.3499



24.8052, 0.3678, 0.3715



24.8052, 0.3474, 0.3829

Triad

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



24.8052, 0.3678, 0.3715



24.8052, 0.2661, 0.3307



24.8052, 0.3049, 0.2849

Complementary

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



24.8052, 0.3678, 0.3715



21.1930, 0.2641, 0.2823

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.



24.8052, 0.2774, 0.2788



24.8052, 0.3678, 0.3715



24.8052, 0.2559, 0.3034

Square

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



24.8052, 0.3678, 0.3715



24.8052, 0.2886, 0.3592



24.8052, 0.2599, 0.2850



24.8052, 0.3358, 0.3013

Rectangle

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



24.8052, 0.3678, 0.3715



24.8052, 0.3284, 0.3820



24.8052, 0.2599, 0.2850



24.8052, 0.2949, 0.2815

Sweetspot

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



24.8063, 0.3678, 0.3715



54.1150, 0.3270, 0.3410



19.0817, 0.3489, 0.2925



12.0996, 0.3293, 0.3429



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



24.8063, 0.3678, 0.3715



41.7559, 0.3825, 0.3811



31.3119, 0.3564, 0.4045



6.7492, 0.3271, 0.3411



10.7639, 0.5256, 0.4209



0.2336, 0.4713, 0.4640

Inverse Universe

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



21.1930, 0.2641, 0.2823



34.2571, 0.2531, 0.2702



16.1113, 0.2612, 0.2414



6.4693, 0.2989, 0.3166



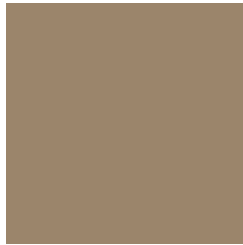
5.5977, 0.1744, 0.1479



0.1552, 0.1963, 0.2267

Previews

White Background



This preview shows how the Yxy color 24.8052, 0.3678, 0.3715 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 24.8052, 0.3678, 0.3715 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

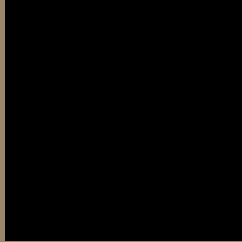
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.8052, 0.3678, 0.3715

Background



This preview shows how black text looks on a background with the Yxy color 24.8052, 0.3678, 0.3715.



This preview shows how white text looks on a background with the Yxy color 24.8052, 0.3678, 0.3715.

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

24.8052, 0.3678, 0.3715

Protanopia

24.7322, 0.3522, 0.3748

Deuteranopia

24.7677, 0.3749, 0.3675



Tritanopia

24.9355, 0.3369, 0.3134

Trichromacy



Original Color

24.8052, 0.3678, 0.3715

Protanomaly

24.8002, 0.3585, 0.3741

Deuteranomaly

24.8332, 0.3720, 0.3694

Tritanomaly

24.7667, 0.3494, 0.3339

Monochromacy



Original Color

24.8052, 0.3678, 0.3715

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

25.0440, 0.3324, 0.3458

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.8052, 0.3678, 0.3715 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(155, 133, 107)` looks like.

```
.text, #text, p{  
    color:rgb(155, 133, 107)  
}
```

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(155, 133, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 133, 107) }
```

Border

The CSS property to change the border of an element to Yxy 24.8052, 0.3678, 0.3715 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(155, 133, 107) }
```

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

```
.border{ border-color:rgb(155, 133, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 133, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 133, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 133, 107);  
box-shadow:4px 4px 4px 4px rgb(155, 133,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 24.8052, 0.3678, 0.3715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 133, 107) }
```

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

```
.background{ background-color: rgb(155,  
133, 107) }
```

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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