

Converting Colors

$Y_{xy}(24.2775, 0.3842, 0.3704)$

Have a look what the booklet for
Yxy(24.2775, 0.3842, 0.3704)
contains.

Yxy(24.3612, 0.3832, 0.3704)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(24.3612, 0.3832, 0.3704)

Conversions

Conversions Part 1

Format	Color
Hex	A28167
RGB	162, 129, 103
RGB Percent	64%, 51%, 40%
CMY	0.3646, 0.4941, 0.5961
CMYK	0.00, 0.20, 0.36, 0.36
HSL	26°, 24%, 52%
HSV	26°, 36%, 64%
XYZ	25.2031, 24.3612, 16.2057
YIQ	135.9030, 28.0140, -1.0900

Conversions

Conversions Part 2

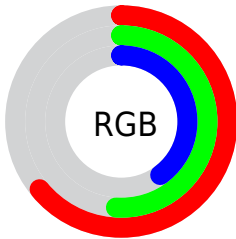
Format	Color
R_{YB}	162, 149, 103
Decimal	10649959
CIE _{Lab}	56.45, 8.95, 18.92
CIE _{LCh}	56, 20.930, 64.683
Yxy	24.3612, 0.3832, 0.3704
Android (android.graphics.Color)	4288840039 (0xFFA28167)
YUV	135.9030, -16.2212, 22.8871
Hunter-Lab	49.3571, 4.7721, 15.0829

Details

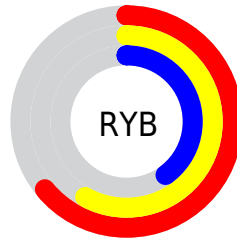
The Yxy color $24.3612, 0.3832, 0.3704$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $23.1119, 0.2565, 0.2833$, and the grayscale version is $24.6377, 0.3127, 0.3290$.

A 20% lighter version of the original color is $50.6944, 0.3682, 0.3626$, and $9.2741, 0.4091, 0.3836$ is the 20% darker color. If you saturate the color by 10%, you get $21.7841, 0.4088, 0.3818$, and if you desaturate by 10%, it is $27.2157, 0.3603, 0.3586$.

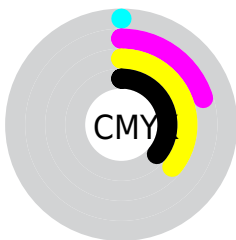
Distribution



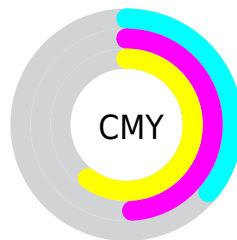
- Red (64%)
- Green (51%)
- Blue (40%)



- Red (64%)
- Yellow (58%)
- Blue (40%)



- Cyan (0%)
- Magenta (20%)
- Yellow (36%)
- Black (36%)




- Cyan (36%)
- Magenta (49%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.3612, 0.3832, 0.3704 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 24.3612, 0.3832, 0.3704 by changing the saturation by 10% instead.


 24.3612, 0.3832,
0.3704


 24.3612, 0.3832,
0.3704


274.6415, 0.3440,
0.3484


 15.6018, 0.3944,
0.3762


 50.6190, 0.3679,
0.3622


 9.2428, 0.4097,
0.3837


 68.8861, 0.3625,
0.3591

 4.8999, 0.4317,
0.3936

 91.0913, 0.3581,
0.3566

 2.1886, 0.4680,
0.4088

 117.6189, 0.3543,
0.3545

 0.7138, 0.5572,
0.4428

148.8534, 0.3512,
0.3526

 0.0000, 0.0000,
0.0000

185.1790, 0.3485,

0.3510

226.9803, 0.3461,
0.3496

■ 24.3612, 0.3832,
0.3704

■ 24.3612, 0.3832,
0.3704

■ 21.7841, 0.4088,
0.3818

■ 27.2157, 0.3603,
0.3586

■ 19.4718, 0.4368,
0.3920

■ 30.3528, 0.3402,
0.3470

■ 17.4157, 0.4663,
0.3998

■ 33.7819, 0.3227,
0.3358

■ 15.6053, 0.4960,
0.4042

■ 37.5107, 0.3076,
0.3253

■ 14.0291, 0.5239,
0.4039

■ 41.5469, 0.2944,
0.3156


 12.6730, 0.5481,
0.3986

 45.8977, 0.2831,
0.3067

 12.2352, 0.5565,
0.3963

 50.5701, 0.2733,
0.2984

 55.5708, 0.2648,
0.2909

 60.9063, 0.2573,
0.2841

Harmonies

Analogous

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



24.3612, 0.3820, 0.3422



24.3612, 0.3832, 0.3704



24.3612, 0.3646, 0.3900

Triad

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



24.3612, 0.3832, 0.3704



24.3612, 0.2658, 0.3440



24.3612, 0.2900, 0.2727

Complementary

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



24.3612, 0.3832, 0.3704



23.1119, 0.2565, 0.2833

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.



24.3612, 0.2614, 0.2705



24.3612, 0.3832, 0.3704



24.3612, 0.2480, 0.3093

Square

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



24.3612, 0.3832, 0.3704



24.3612, 0.2963, 0.3761



24.3612, 0.2465, 0.2830



24.3612, 0.3264, 0.2879

Rectangle

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



24.3612, 0.3832, 0.3704



24.3612, 0.3442, 0.3943



24.3612, 0.2465, 0.2830



24.3612, 0.2792, 0.2704

Sweetspot

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



24.3623, 0.3832, 0.3704



58.2641, 0.3308, 0.3411



19.1755, 0.3497, 0.2767



12.9076, 0.3330, 0.3425



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



24.3623, 0.3832, 0.3704



40.2448, 0.4045, 0.3800



33.1493, 0.3680, 0.4122



7.5752, 0.3274, 0.3389



9.7187, 0.5551, 0.3975



0.2978, 0.4957, 0.4446

Inverse Universe

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



23.1119, 0.2565, 0.2833



37.6154, 0.2437, 0.2706



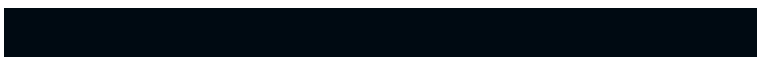
15.9953, 0.2491, 0.2294



7.4866, 0.2987, 0.3189



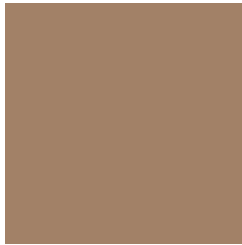
7.9917, 0.1836, 0.1810



0.2600, 0.2002, 0.2405

Previews

White Background



This preview shows how the Yxy color 24.3612, 0.3832, 0.3704 looks on a white background.

Color Contrast Check

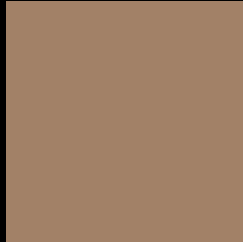
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.3612, 0.3832, 0.3704 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

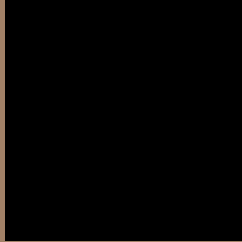
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.3612, 0.3832, 0.3704

Background



This preview shows how black text looks on a background with the Yxy color 24.3612, 0.3832, 0.3704.



This preview shows how white text looks on a background with the Yxy color 24.3612, 0.3832, 0.3704.

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

24.3612, 0.3832, 0.3704

Protanopia

24.2978, 0.3547, 0.3785

Deuteranopia

24.4181, 0.3801, 0.3724



Tritanopia

24.3878, 0.3510, 0.3152

Trichromacy



Original Color

24.3612, 0.3832, 0.3704

Protanomaly

24.3743, 0.3652, 0.3756

Deuteranomaly

24.5216, 0.3814, 0.3722

Tritanomaly

24.2443, 0.3628, 0.3339

Monochromacy



Original Color

24.3612, 0.3832, 0.3704

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

24.2500, 0.3364, 0.3442

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.3612, 0.3832, 0.3704 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(162, 129, 103)` looks like.

```
.text, #text, p{  
    color:rgb(162, 129, 103)  
}
```

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(162, 129, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 129, 103) }
```

Border

The CSS property to change the border of an element to Yxy 24.3612, 0.3832, 0.3704 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(162, 129, 103) }
```

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

```
.border{ border-color:rgb(162, 129, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 129, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 129, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 129, 103);  
box-shadow:4px 4px 4px 4px rgb(162, 129,  
103) }
```


Background

The CSS property to change the background color of an element to Yxy 24.3612, 0.3832, 0.3704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 129, 103) }
```

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

```
.background{ background-color: rgb(162,  
129, 103) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor