

Converting Colors

$Y_{xy}(23.5031, 0.3759, 0.3753)$

Have a look what the booklet for
Yxy(23.5031, 0.3759, 0.3753)
contains.

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Color

Yxy(23.5101, 0.3755, 0.3753)

Conversions

Conversions Part 1	
Format	Color
Hex	9A8165
RGB	154, 129, 101
RGB Percent	60%, 51%, 40%
CMY	0.3962, 0.4941, 0.6039
CMYK	0.00, 0.16, 0.34, 0.40
HSL	32°, 21%, 50%
HSV	32°, 34%, 60%
XYZ	23.5226, 23.5101, 15.6108
YIQ	133.2830, 23.8880, -3.4080

Conversions

Conversions Part 2

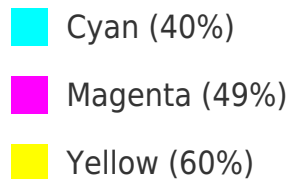
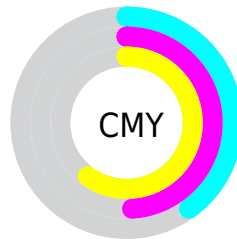
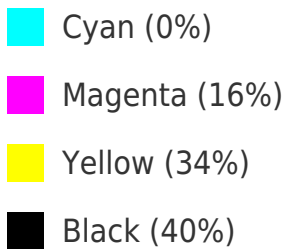
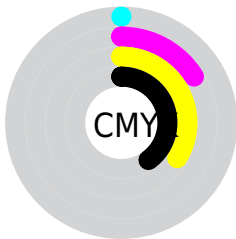
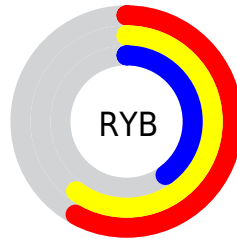
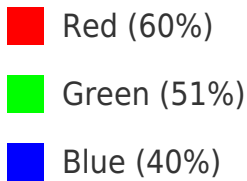
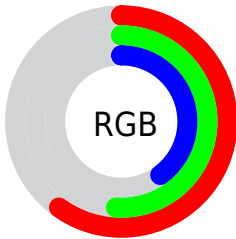
Format	Color
RYB	148, 154, 101
Decimal	10125669
CIELab	55.59, 5.33, 18.76
CIELCh	56, 19.502, 74.152
Yxy	23.5101, 0.3755, 0.3753
Android (android.graphics.Color)	4288315749 (0xFF9A8165)
YUV	133.2830, -15.9155, 18.1688
Hunter-Lab	48.4872, 1.7432, 14.8523

Details

The Yxy color $23.5101, 0.3755, 0.3753$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $20.0133, 0.2587, 0.2775$, and the grayscale version is $23.6165, 0.3127, 0.3290$.

A 20% lighter version of the original color is $49.2782, 0.3617, 0.3661$, and $8.8284, 0.3995, 0.3913$ is the 20% darker color. If you saturate the color by 10%, you get $21.3924, 0.3984, 0.3889$, and if you desaturate by 10%, it is $25.8223, 0.3546, 0.3614$.


Distribution




Brightness & Saturation Gradients


These gradients show how the Yxy color 23.5101, 0.3755, 0.3753 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 23.5101, 0.3755, 0.3753 by changing the saturation by 10% instead.


 23.5101, 0.3755,
0.3753


 23.5101, 0.3755,
0.3753


270.3343, 0.3405,
0.3502


 14.9706, 0.3856,
0.3822


 49.2296, 0.3618,
0.3657


 8.7988, 0.3993,
0.3913


 67.1783, 0.3570,
0.3622

 4.6102, 0.4191,
0.4039


 89.0323, 0.3530,
0.3594

 2.0204, 0.4543,
0.4260

 115.1759, 0.3497,
0.3569

 0.6193, 0.5371,
0.4629


145.9935, 0.3469,
0.3549


 0.0000, 0.0000,
0.0000


181.8695, 0.3445,


0.3531


223.1883, 0.3424,
0.3515

 23.5101, 0.3755,
0.3753

 23.5101, 0.3755,
0.3753


 21.3924, 0.3984,
0.3889

 25.8223, 0.3546,
0.3614


 19.4601, 0.4231,
0.4015


 28.3314, 0.3359,
0.3477


 17.7077, 0.4487,
0.4119


 31.0439, 0.3194,
0.3345


 16.1285, 0.4742,
0.4191


 33.9648, 0.3048,
0.3222

 14.7149, 0.4982,
0.4218

 37.0991, 0.2920,
0.3107

 13.4582, 0.5192,
0.4195

 40.4515, 0.2808,
0.3001

 12.8138, 0.5304,
0.4171

 44.0266, 0.2710,
0.2904

 47.8287, 0.2623,
0.2814

 51.8621, 0.2548,
0.2733

Harmonies

Analogous

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



23.5101, 0.3805, 0.3505



23.5101, 0.3755, 0.3753



23.5101, 0.3532, 0.3894

Triad

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



23.5101, 0.3755, 0.3753



23.5101, 0.2615, 0.3326



23.5101, 0.3018, 0.2790

Complementary

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



23.5101, 0.3755, 0.3753



20.0133, 0.2587, 0.2775

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.



23.5101, 0.2715, 0.2728



23.5101, 0.3755, 0.3753



23.5101, 0.2494, 0.3015

Square

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



23.5101, 0.3755, 0.3753



23.5101, 0.2872, 0.3648



23.5101, 0.2529, 0.2804



23.5101, 0.3366, 0.2967

Rectangle

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



23.5101, 0.3755, 0.3753



23.5101, 0.3321, 0.3894



23.5101, 0.2529, 0.2804



23.5101, 0.2908, 0.2755

Sweetspot

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



23.5112, 0.3755, 0.3753



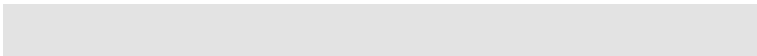
52.0055, 0.3287, 0.3421



17.6981, 0.3531, 0.2869



11.3491, 0.3309, 0.3438



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



23.5112, 0.3755, 0.3753



38.7249, 0.3923, 0.3854



30.8252, 0.3621, 0.4126



6.7361, 0.3271, 0.3408



10.5150, 0.5293, 0.4179



0.2300, 0.4734, 0.4624

Inverse Universe

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



20.0133, 0.2587, 0.2775



31.6297, 0.2468, 0.2643



14.4587, 0.2535, 0.2298



6.4823, 0.2989, 0.3169



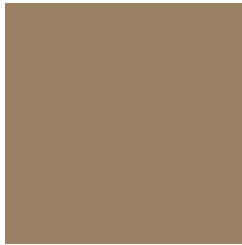
5.8088, 0.1756, 0.1521



0.1589, 0.1972, 0.2299

Previews

White Background



This preview shows how the Yxy color 23.5101, 0.3755, 0.3753 looks on a white background.

Color Contrast Check

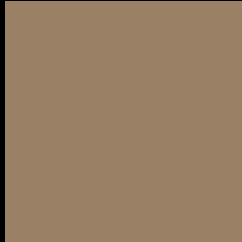
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.5101, 0.3755, 0.3753 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

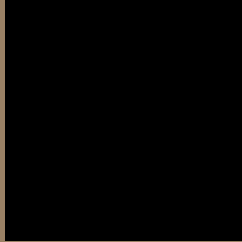
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.5101, 0.3755, 0.3753

Background



This preview shows how black text looks on a background with the Yxy color 23.5101, 0.3755, 0.3753.



This preview shows how white text looks on a background with the Yxy color 23.5101, 0.3755, 0.3753.

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

23.5101, 0.3755, 0.3753

Protanopia

23.5051, 0.3564, 0.3809

Deuteranopia

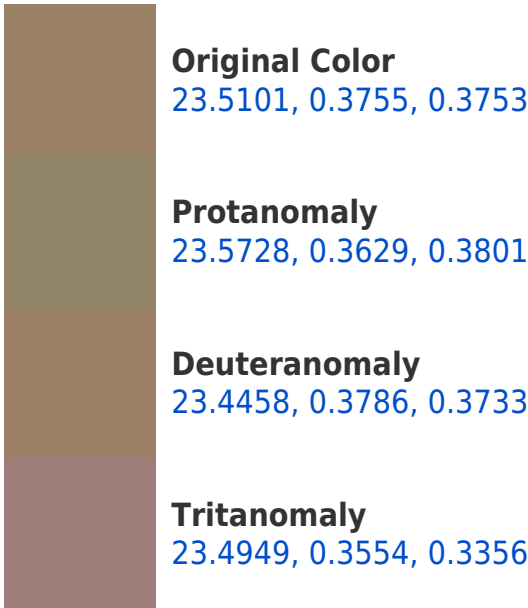
23.5460, 0.3798, 0.3731



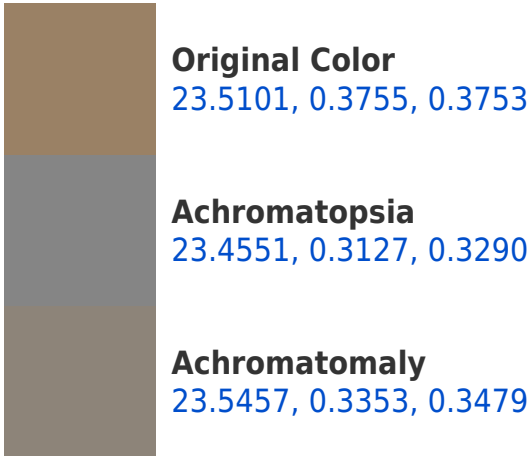
Tritanopia

23.6576, 0.3424, 0.3148

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.5101, 0.3755, 0.3753 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(154, 129, 101)` looks like.

```
.text, #text, p{  
    color:rgb(154, 129, 101)  
}
```

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(154, 129, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 129, 101) }
```

Border

The CSS property to change the border of an element to Yxy 23.5101, 0.3755, 0.3753 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(154, 129, 101) }
```

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

```
.border{ border-color:rgb(154, 129, 101) }
```

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

Here you see how a box with a 4 pixel rgb(154, 129, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 129, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 129, 101);  
box-shadow:4px 4px 4px 4px rgb(154, 129,  
101) }
```


Background

The CSS property to change the background color of an element to Yxy 23.5101, 0.3755, 0.3753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 129, 101) }
```

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

```
.background{ background-color: rgb(154,  
129, 101) }
```

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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