

Converting Colors

$Y_{xy}(24.0149, 0.4497, 0.3991)$

Have a look what the booklet for
Yxy(24.0149, 0.4497, 0.3991)
contains.

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Color

Yxy(23.9534, 0.4494, 0.3983)

Conversions

Conversions Part 1

Format	Color
Hex	B57947
RGB	181, 121, 71
RGB Percent	71%, 47%, 28%
CMY	0.2903, 0.5254, 0.7216
CMYK	0.00, 0.33, 0.61, 0.29
HSL	27°, 44%, 49%
HSV	27°, 61%, 71%
XYZ	27.0265, 23.9534, 9.1592
YIQ	133.2400, 51.8100, -2.8300

Conversions

Conversions Part 2

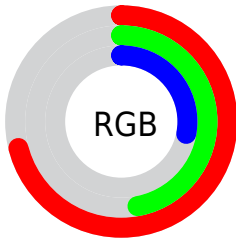
Format	Color
R_{YB}	181, 163, 71
Decimal	11893063
CIE _{Lab}	56.04, 18.27, 36.58
CIE _{LCh}	56, 40.886, 63.459
Yxy	23.9534, 0.4494, 0.3983
Android (android.graphics.Color)	4290083143 (0xFFB57947)
YUV	133.2400, -30.6843, 41.8855
Hunter-Lab	48.9422, 12.9211, 23.1638

Details

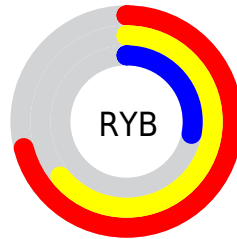
The Yxy color **23.9534, 0.4494, 0.3983** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **20.8950, 0.2197, 0.2411**, and the grayscale version is **23.6478, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.1778, 0.4207, 0.3872**, and **8.9858, 0.4949, 0.4120** is the 20% darker color. If you saturate the color by 10%, you get **21.4787, 0.4788, 0.4050**, and if you desaturate by 10%, it is **26.7450, 0.4208, 0.3887**.

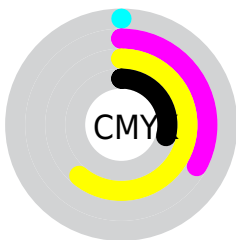
Distribution



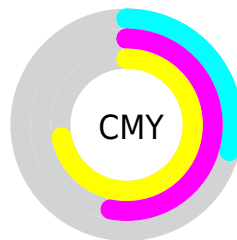
- Red (71%)
- Green (47%)
- Blue (28%)



- Red (71%)
- Yellow (64%)
- Blue (28%)



- Cyan (0%)
- Magenta (33%)
- Yellow (61%)
- Black (29%)




- Cyan (29%)
- Magenta (53%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.9534, 0.4494, 0.3983 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 23.9534, 0.4494, 0.3983 by changing the saturation by 10% instead.


 23.9534, 0.4494,
0.3983


 23.9534, 0.4494,
0.3983


272.5848, 0.3746,
0.3647


 15.2991, 0.4693,
0.4050


 49.9541, 0.4210,
0.3870


 9.0295, 0.4950,
0.4118


 68.0693, 0.4107,
0.3824

 4.7605, 0.5305,
0.4184

 90.1069, 0.4021,
0.3784

 2.1074, 0.5798,
0.4202

 116.4513, 0.3948,
0.3750

 0.6688, 0.6230,
0.3770

 147.4869, 0.3886,
0.3719

 0.0000, 1.0000,
0.0000

183.5981, 0.3833,

 0.0000, 0.0000,

0.3692

0.0000

225.1693, 0.3787,
0.3669

■ 23.9534, 0.4494,
0.3983

■ 23.9534, 0.4494,
0.3983

■ 21.4787, 0.4788,
0.4050

■ 26.7450, 0.4208,
0.3887

■ 19.3037, 0.5073,
0.4075

■ 29.8625, 0.3942,
0.3773

■ 17.4142, 0.5330,
0.4049

■ 33.3188, 0.3702,
0.3652

■ 15.9026, 0.5537,
0.3986

■ 37.1250, 0.3488,
0.3529

■ 41.2917, 0.3301,
0.3411

■ 45.8287, 0.3139,
0.3298

■ 50.7457, 0.2998,
0.3194

■ 56.0518, 0.2876,
0.3097

■ 61.7559, 0.2771,
0.3008

Harmonies

Analogous

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



23.9534, 0.4486, 0.3452



23.9534, 0.4494, 0.3983



23.9534, 0.4111, 0.4430

Triad

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



23.9534, 0.4494, 0.3983



23.9534, 0.2242, 0.3600



23.9534, 0.2649, 0.2259

Complementary

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



23.9534, 0.4494, 0.3983



20.8950, 0.2197, 0.2411

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.



23.9534, 0.2150, 0.2209



23.9534, 0.4494, 0.3983



23.9534, 0.1934, 0.2885

Square

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



23.9534, 0.4494, 0.3983



23.9534, 0.2803, 0.4295



23.9534, 0.1907, 0.2407



23.9534, 0.3343, 0.2518

Rectangle

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



23.9534, 0.4494, 0.3983



23.9534, 0.3711, 0.4589



23.9534, 0.1907, 0.2407



23.9534, 0.2456, 0.2217

Sweetspot

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



23.9546, 0.4494, 0.3983



68.2928, 0.3440, 0.3500



15.9786, 0.3925, 0.2466



14.3131, 0.3496, 0.3534



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



23.9546, 0.4494, 0.3983



37.0757, 0.4888, 0.4064



41.1218, 0.4012, 0.4633



9.1207, 0.3276, 0.3394



11.1012, 0.5516, 0.4002



0.4664, 0.5056, 0.4367

Inverse Universe

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



20.8950, 0.2197, 0.2411



31.0584, 0.2032, 0.2174



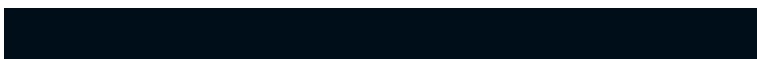
9.9119, 0.1983, 0.1450



8.9722, 0.2985, 0.3184



8.5497, 0.1821, 0.1754



0.3838, 0.1951, 0.2225

Previews

White Background



This preview shows how the Yxy color 23.9534, 0.4494, 0.3983 looks on a white background.

Color Contrast Check

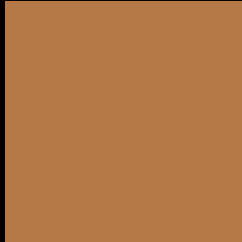
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.9534, 0.4494, 0.3983 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 23.9534, 0.4494, 0.3983

Background



This preview shows how black text looks on a background with the Yxy color 23.9534, 0.4494, 0.3983.



This preview shows how white text looks on a background with the Yxy color 23.9534, 0.4494, 0.3983.

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

23.9534, 0.4494, 0.3983

Protanopia

24.1456, 0.3915, 0.4262

Deuteranopia

23.8673, 0.4255, 0.4177



Tritanopia

24.0058, 0.3934, 0.3178

Trichromacy



Original Color

23.9534, 0.4494, 0.3983

Protanomaly

23.9333, 0.4125, 0.4163

Deuteranomaly

23.7674, 0.4347, 0.4094

Tritanomaly

23.9124, 0.4164, 0.3479

Monochromacy



Original Color

23.9534, 0.4494, 0.3983

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

23.3103, 0.3599, 0.3610

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.9534, 0.4494, 0.3983 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(181, 121, 71)` looks like.

```
.text, #text, p{  
    color:rgb(181, 121, 71)  
}
```

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(181, 121, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 121, 71) }
```

Border

The CSS property to change the border of an element to Yxy 23.9534, 0.4494, 0.3983 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(181, 121, 71) }
```

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

```
.border{ border-color:rgb(181, 121, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 121, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 121, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 121, 71);  
box-shadow:4px 4px 4px 4px rgb(181, 121,  
71) }
```


Background

The CSS property to change the background color of an element to Yxy 23.9534, 0.4494, 0.3983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 121, 71) }
```

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

```
.background{ background-color: rgb(181,  
121, 71) }
```

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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