

Converting Colors

$Y_{xy}(14.3919, 0.4374, 0.3496)$

Have a look what the booklet for
Yxy(14.3919, 0.4374, 0.3496)
contains.

Yxy(14.4529, 0.4364, 0.3494)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(14.4529, 0.4364, 0.3494)

Conversions

Conversions Part 1

Format	Color
Hex	99594D
RGB	153, 89, 77
RGB Percent	60%, 35%, 30%
CMY	0.3999, 0.6510, 0.6980
CMYK	0.00, 0.42, 0.50, 0.40
HSL	9°, 33%, 45%
HSV	9°, 50%, 60%
XYZ	18.0516, 14.4529, 8.8604
YIQ	106.7680, 41.9960, 9.8360

Conversions

Conversions Part 2

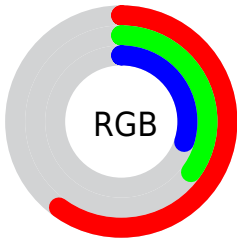
Format	Color
R_{YB}	153, 91, 77
Decimal	10049869
CIE Lab	44.88, 25.01, 18.29
CIE LCh	45, 30.985, 36.176
Yxy	14.4529, 0.4364, 0.3494
Android (android.graphics.Color)	4288239949 (0xFF99594D)
YUV	106.7680, -14.6756, 40.5455
Hunter-Lab	38.0170, 18.2277, 12.7936

Details

The Yxy color **14.4529, 0.4364, 0.3494** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.9377, 0.2449, 0.3063**, and the grayscale version is **14.6684, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.9642, 0.4058, 0.3470**, and **4.4184, 0.4947, 0.3499** is the 20% darker color. If you saturate the color by 10%, you get **12.3019, 0.4753, 0.3524**, and if you desaturate by 10%, it is **17.0318, 0.4022, 0.3455**.

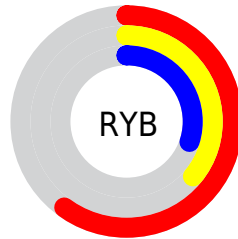
Distribution



Red (60%)

Green (35%)

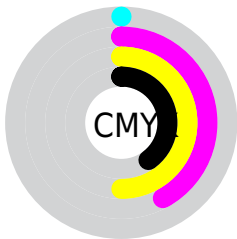
Blue (30%)



Red (60%)

Yellow (36%)

Blue (30%)

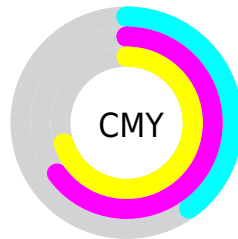


Cyan (0%)

Magenta (42%)

Yellow (50%)

Black (40%)



Cyan (40%)


Magenta (65%)


Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.4529, 0.4364, 0.3494 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 14.4529, 0.4364, 0.3494 by changing the saturation by 10% instead.


 14.4529, 0.4364,
0.3494


 14.4529, 0.4364,
0.3494


220.0304, 0.3621,
0.3402

 8.4363, 0.4605,
0.3504


 33.8905, 0.4057,
0.3467

 4.3754, 0.4953,
0.3500

 48.0803, 0.3953,
0.3455


 1.8857, 0.5559,
0.3489

 65.7634, 0.3871,
0.3443

 0.5398, 0.6817,
0.3183

 87.3240, 0.3803,
0.3433

 0.0000, 1.0000,
0.0000

 113.1466, 0.3746,
0.3424

 0.0000, 0.0000,
0.0000

143.6156, 0.3698,

0.3416

179.1154, 0.3657,
0.3409

■ 14.4529, 0.4364,
0.3494

■ 14.4529, 0.4364,
0.3494

■ 12.3019, 0.4753,
0.3524

■ 17.0318, 0.4022,
0.3455

■ 10.5535, 0.5172,
0.3537

■ 20.0578, 0.3731,
0.3412

■ 9.1828, 0.5586,
0.3527


■ 23.5516, 0.3488,
0.3369


■ 8.1615, 0.5945,
0.3489

■ 27.5321, 0.3288,
0.3328


■ 7.4514, 0.6220,
0.3438


■ 32.0169, 0.3122,
0.3289

 7.4328, 0.6228,
0.3437

 37.0229, 0.2986,
0.3253

 42.5662, 0.2873,
0.3221

 48.6620, 0.2779,
0.3191

 55.3252, 0.2700,
0.3165

Harmonies

Analogous

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



14.4529, 0.4001, 0.3017



14.4529, 0.4364, 0.3494



14.4529, 0.4344, 0.3974

Triad

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



14.4529, 0.4364, 0.3494



14.4529, 0.2789, 0.4135



14.4529, 0.2273, 0.2302

Complementary

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



14.4529, 0.4364, 0.3494



22.9377, 0.2449, 0.3063

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.



14.4529, 0.2026, 0.2468



14.4529, 0.4364, 0.3494



14.4529, 0.2293, 0.3510

Square

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



14.4529, 0.4364, 0.3494



14.4529, 0.3407, 0.4451



14.4529, 0.2030, 0.2885



14.4529, 0.2750, 0.2364

Rectangle

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



14.4529, 0.4364, 0.3494



14.4529, 0.4131, 0.4246



14.4529, 0.2030, 0.2885



14.4529, 0.2163, 0.2331

Sweetspot

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



14.4536, 0.4364, 0.3494



45.1787, 0.3396, 0.3351



14.0242, 0.3345, 0.2272



9.6790, 0.3435, 0.3359



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.



14.4536, 0.4364, 0.3494



21.5077, 0.4815, 0.3527



22.3380, 0.4035, 0.4098



6.3722, 0.3279, 0.3326



6.1755, 0.6218, 0.3445



0.1273, 0.5643, 0.3902

Inverse Universe

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



22.9377, 0.2449, 0.3063



38.4803, 0.2333, 0.3001



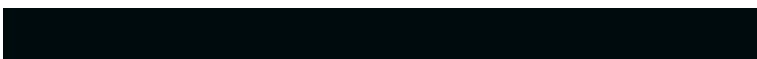
13.7009, 0.2307, 0.2303



6.8606, 0.2989, 0.3254



14.8890, 0.2109, 0.2792



0.2618, 0.2177, 0.3035

Previews

White Background



This preview shows how the Yxy color 14.4529, 0.4364, 0.3494 looks on a white background.

Color Contrast Check

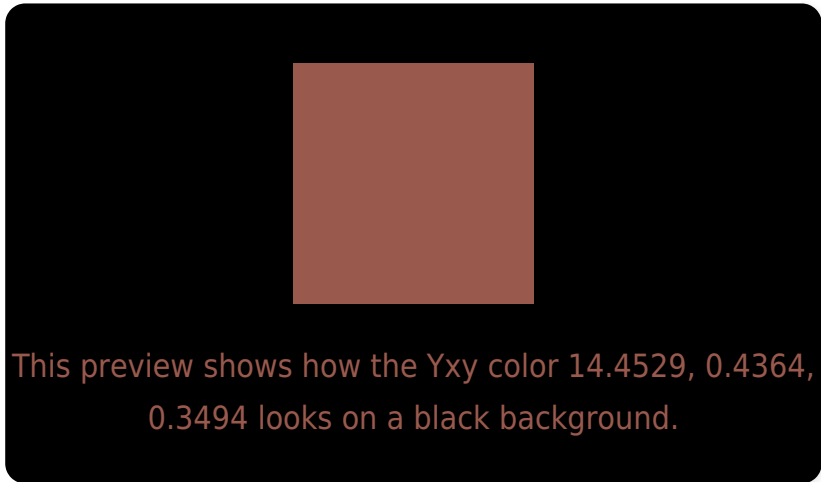
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

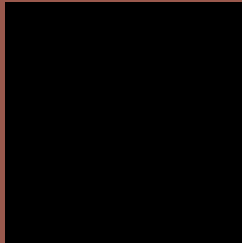
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.4529, 0.4364, 0.3494

Background



This preview shows how black text looks on a background with the Yxy color 14.4529, 0.4364, 0.3494.



This preview shows how white text looks on a background with the Yxy color 14.4529, 0.4364, 0.3494.

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

14.4529, 0.4364, 0.3494

Protanopia

14.4747, 0.3511, 0.3735

Deuteranopia

14.5228, 0.3890, 0.3824



Tritanopia

14.4767, 0.4126, 0.3192

Trichromacy



Original Color

14.4529, 0.4364, 0.3494

Protanomaly

14.3127, 0.3817, 0.3646

Deuteranomaly

14.3054, 0.4054, 0.3686

Tritanomaly

14.5376, 0.4221, 0.3310

Monochromacy



Original Color

14.4529, 0.4364, 0.3494

Achromatopsia

14.7027, 0.3127, 0.3290

Achromatomaly

14.2440, 0.3546, 0.3371

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.4529, 0.4364, 0.3494 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(153, 89, 77)` looks like.

```
.text, #text, p{  
  color:rgb(153, 89, 77)  
}
```

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(153, 89, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 89, 77) }
```

Border

The CSS property to change the border of an element to Yxy 14.4529, 0.4364, 0.3494 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(153, 89, 77) }
```

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

```
.border{ border-color:rgb(153, 89, 77) }
```

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

Here you see how a box with a 4 pixel rgb(153, 89, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 89, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 89, 77);  
box-shadow:4px 4px 4px 4px rgb(153, 89,  
77) }
```


Background

The CSS property to change the background color of an element to Yxy 14.4529, 0.4364, 0.3494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 89, 77) }
```

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

```
.background{ background-color: rgb(153, 89,  
77) }
```

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