

Converting Colors

$Y_{xy}(10.3702, 0.4551, 0.3944)$

Have a look what the booklet for
Yxy(10.3702, 0.4551, 0.3944)
contains.

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Color

Yxy(10.3702, 0.4551, 0.3944)

Conversions

Conversions Part 1

Format	Color
Hex	7E502E
RGB	126, 80, 46
RGB Percent	49%, 31%, 18%
CMY	0.5059, 0.6863, 0.8195
CMYK	0.00, 0.37, 0.63, 0.51
HSL	25°, 46%, 34%
HSV	25°, 63%, 49%
XYZ	11.9662, 10.3702, 3.9572
YIQ	89.8780, 38.3300, -0.8220

Conversions

Conversions Part 2

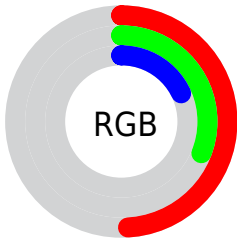
Format	Color
R_{YB}	126, 105, 46
Decimal	8278062
CIE Lab	38.50, 15.69, 27.72
CIE LCh	38, 31.848, 60.488
Yxy	10.3702, 0.4551, 0.3944
Android (android.graphics.Color)	4286468142 (0xFF7E502E)
YUV	89.8780, -21.6319, 31.6790
Hunter-Lab	32.2028, 9.9738, 15.2562

Details

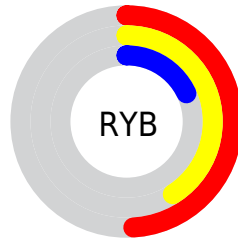
The Yxy color **10.3702, 0.4551, 0.3944** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **9.7439, 0.2201, 0.2459**, and the grayscale version is **10.2391, 0.3127, 0.3290**.

A 20% lighter version of the original color is **26.3146, 0.4179, 0.3808**, and **2.6579, 0.5339, 0.4143** is the 20% darker color. If you saturate the color by 10%, you get **9.2810, 0.4850, 0.4000**, and if you desaturate by 10%, it is **11.6041, 0.4261, 0.3860**.

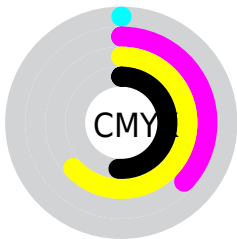
Distribution



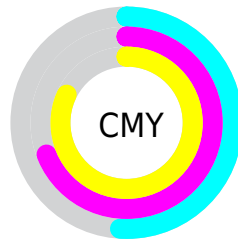
- Red (49%)
- Green (31%)
- Blue (18%)



- Red (49%)
- Yellow (41%)
- Blue (18%)



- Cyan (0%)
- Magenta (37%)
- Yellow (63%)
- Black (51%)





- Cyan (51%)
- Magenta (69%)
- Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.3702, 0.4551, 0.3944 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 10.3702, 0.4551, 0.3944 by changing the saturation by 10% instead.


 10.3702, 0.4551,
0.3944


 10.3702, 0.4551,
0.3944


193.2942, 0.3673,
0.3586


 5.6451, 0.4838,
0.4021

 26.4895, 0.4183,
0.3814


 2.6305, 0.5361,
0.4175

 38.6525, 0.4060,
0.3764


 0.9420, 0.5902,
0.4098

 54.0636, 0.3962,
0.3722

 0.0000, 1.0000,
0.0000

 73.1072, 0.3882,
0.3686

 0.0000, 0.0000,
0.0000

 96.1676, 0.3816,
0.3655

 123.6294, 0.3761,

0.3629

155.8768, 0.3713,
0.3606

■ 10.3702, 0.4551,
0.3944

■ 10.3702, 0.4551,
0.3944

■ 9.2810, 0.4850,
0.4000

■ 11.6041, 0.4261,
0.3860

■ 8.3286, 0.5141,
0.4017

■ 12.9870, 0.3992,
0.3758

■ 7.5065, 0.5404,
0.3986

■ 14.5246, 0.3748,
0.3648

■ 7.0314, 0.5573,
0.3957

■ 16.2222, 0.3532,
0.3537

■ 18.0845, 0.3343,
0.3428

■ 20.1161, 0.3179,
0.3325

■ 22.3214, 0.3037,
0.3228

■ 24.7047, 0.2914,
0.3138

■ 27.2701, 0.2807,
0.3055

Harmonies

Analogous

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



10.3702, 0.4500, 0.3399



10.3702, 0.4551, 0.3944



10.3702, 0.4188, 0.4421

Triad

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



10.3702, 0.4551, 0.3944



10.3702, 0.2264, 0.3687



10.3702, 0.2573, 0.2218

Complementary

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



10.3702, 0.4551, 0.3944



9.7439, 0.2201, 0.2459

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.



10.3702, 0.2088, 0.2189



10.3702, 0.4551, 0.3944



10.3702, 0.1922, 0.2935

Square

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



10.3702, 0.4551, 0.3944



10.3702, 0.2858, 0.4383



10.3702, 0.1867, 0.2417



10.3702, 0.3273, 0.2464

Rectangle

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



10.3702, 0.4551, 0.3944



10.3702, 0.3790, 0.4613



10.3702, 0.1867, 0.2417



10.3702, 0.2384, 0.2182

Sweetspot

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



10.3707, 0.4551, 0.3944



29.8424, 0.3453, 0.3492



7.1753, 0.3877, 0.2410



6.6149, 0.3499, 0.3518



63.8283, 0.3127, 0.3290



8.3535, 0.3127, 0.3290

Same Dimension

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



10.3707, 0.4551, 0.3944



15.5875, 0.4977, 0.4013



17.9064, 0.4050, 0.4609



4.6213, 0.3269, 0.3382



7.2055, 0.5575, 0.3956



0.0000, 0.0000, 0.0000

Inverse Universe

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



9.7439, 0.2201, 0.2459



14.3452, 0.2039, 0.2232



4.6047, 0.1981, 0.1483



4.5901, 0.2993, 0.3196



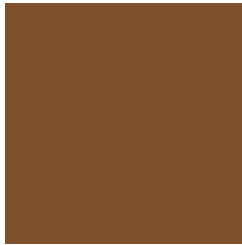
6.3528, 0.1856, 0.1881



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 10.3702, 0.4551, 0.3944 looks on a white background.

Color Contrast Check

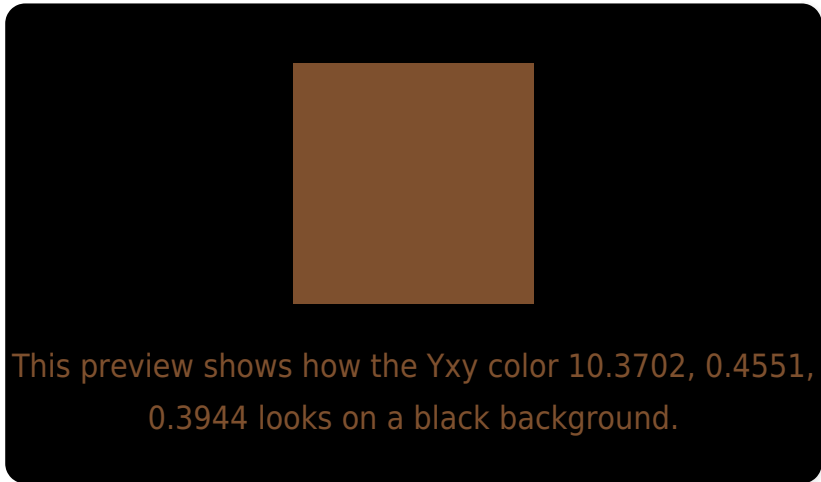
Large Text (above 18pt) WCAG AA ✓ Pass

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 10.3702, 0.4551, 0.3944

Background



This preview shows how black text looks on a background with the Yxy color 10.3702, 0.4551, 0.3944.



This preview shows how white text looks on a background with the Yxy color 10.3702, 0.4551, 0.3944.

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

10.3702, 0.4551, 0.3944

Protanopia

10.4218, 0.3904, 0.4251

Deuteranopia

10.4430, 0.4247, 0.4206



Tritanopia

10.3522, 0.4001, 0.3193

Trichromacy



Original Color

10.3702, 0.4551, 0.3944

Protanomaly

10.2894, 0.4123, 0.4131

Deuteranomaly

10.3120, 0.4360, 0.4094

Tritanomaly

10.2371, 0.4224, 0.3473

Monochromacy



Original Color

10.3702, 0.4551, 0.3944

Achromatopsia

10.2242, 0.3127, 0.3290

Achromatomaly

10.0336, 0.3618, 0.3574

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.3702, 0.4551, 0.3944 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(126, 80, 46)` looks like.

```
.text, #text, p{  
    color:rgb(126, 80, 46)  
}
```

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(126, 80, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 80, 46) }
```

Border

The CSS property to change the border of an element to Yxy 10.3702, 0.4551, 0.3944 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(126, 80, 46) }
```

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

```
.border{ border-color:rgb(126, 80, 46) }
```

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

Here you see how a box with a 4 pixel rgb(126, 80, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 80, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 80, 46);  
box-shadow:4px 4px 4px 4px rgb(126, 80,  
46) }
```


Background

The CSS property to change the background color of an element to Yxy 10.3702, 0.4551, 0.3944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 80, 46) }
```

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

```
.background{ background-color: rgb(126, 80,  
46) }
```

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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