

Converting Colors

$Y_{xy}(10.4905, 0.4581, 0.3967)$

Have a look what the booklet for
Yxy(10.4905, 0.4581, 0.3967)
contains.

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Color

Yxy(10.4388, 0.4582, 0.3955)

Conversions

Conversions Part 1

Format	Color
Hex	7F502D
RGB	127, 80, 45
RGB Percent	50%, 31%, 18%
CMY	0.5020, 0.6862, 0.8235
CMYK	0.00, 0.37, 0.65, 0.50
HSL	26°, 48%, 34%
HSV	26°, 65%, 50%
XYZ	12.0937, 10.4388, 3.8614
YIQ	90.0630, 39.2470, -0.9210

Conversions

Conversions Part 2

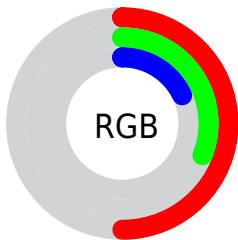
Format	Color
R_{YB}	127, 106, 45
Decimal	8343597
CIE _{Lab}	38.62, 16.06, 28.46
CIE _{LCh}	39, 32.679, 60.567
Yxy	10.4388, 0.4582, 0.3955
Android (android.graphics.Color)	4286533677 (0xFF7F502D)
YUV	90.0630, -22.2161, 32.3937
Hunter-Lab	32.3091, 10.2737, 15.5303

Details

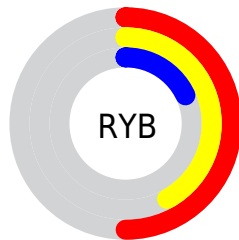
The Yxy color **10.4388, 0.4582, 0.3955** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **9.7435, 0.2186, 0.2437**, and the grayscale version is **10.2840, 0.3127, 0.3290**.

A 20% lighter version of the original color is **26.5405, 0.4214, 0.3816**, and **2.6579, 0.5339, 0.4143** is the 20% darker color. If you saturate the color by 10%, you get **9.3470, 0.4880, 0.4008**, and if you desaturate by 10%, it is **11.6766, 0.4291, 0.3873**.

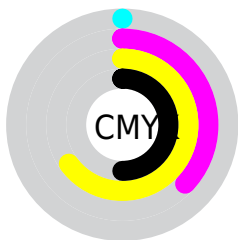
Distribution



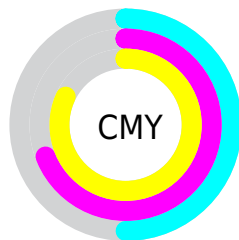
- Red (50%)
- Green (31%)
- Blue (18%)



- Red (50%)
- Yellow (42%)
- Blue (18%)



- Cyan (0%)
- Magenta (37%)
- Yellow (65%)
- Black (50%)





- Cyan (50%)
- Magenta (69%)
- Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.4388, 0.4582, 0.3955 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 10.4388, 0.4582, 0.3955 by changing the saturation by 10% instead.


 10.4388, 0.4582,
0.3955


 10.4388, 0.4582,
0.3955


193.7758, 0.3686,
0.3594


 5.6909, 0.4872,
0.4030

 26.6176, 0.4208,
0.3825


 2.6580, 0.5410,
0.4189

 38.8173, 0.4082,
0.3774


 0.9559, 0.5919,
0.4081

 54.2697, 0.3982,
0.3732

 0.0000, 1.0000,
0.0000

 73.3591, 0.3901,
0.3695

 0.0000, 0.0000,
0.0000

 96.4701, 0.3834,
0.3664

 123.9869, 0.3777,

0.3637

156.2940, 0.3728,
0.3614

■ 10.4388, 0.4582,
0.3955

■ 10.4388, 0.4582,
0.3955

■ 9.3470, 0.4880,
0.4008

■ 11.6766, 0.4291,
0.3873

■ 8.3931, 0.5168,
0.4020

■ 13.0647, 0.4019,
0.3772

■ 7.5701, 0.5427,
0.3985

■ 14.6091, 0.3773,
0.3662

■ 7.1692, 0.5568,
0.3961

■ 16.3151, 0.3554,
0.3550

■ 18.1874, 0.3362,
0.3440

■ 20.2308, 0.3196,
0.3336

■ 22.4498, 0.3051,
0.3237

■ 24.8487, 0.2926,
0.3146

■ 27.4316, 0.2818,
0.3062

Harmonies

Analogous

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



10.4388, 0.4533, 0.3399



10.4388, 0.4582, 0.3955



10.4388, 0.4207, 0.4445

Triad

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



10.4388, 0.4582, 0.3955



10.4388, 0.2243, 0.3694



10.4388, 0.2562, 0.2197

Complementary

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



10.4388, 0.4582, 0.3955



9.7435, 0.2186, 0.2437

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.



10.4388, 0.2068, 0.2167



10.4388, 0.4582, 0.3955



10.4388, 0.1896, 0.2922

Square

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



10.4388, 0.4582, 0.3955



10.4388, 0.2848, 0.4411



10.4388, 0.1842, 0.2396



10.4388, 0.3277, 0.2448

Rectangle

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



10.4388, 0.4582, 0.3955



10.4388, 0.3800, 0.4644



10.4388, 0.1842, 0.2396



10.4388, 0.2369, 0.2160

Sweetspot

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



10.4393, 0.4582, 0.3955



30.8947, 0.3453, 0.3494



7.1764, 0.3896, 0.2398



7.0437, 0.3501, 0.3520



65.5931, 0.3127, 0.3290



8.8982, 0.3127, 0.3290

Same Dimension

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



10.4393, 0.4582, 0.3955



15.9804, 0.5006, 0.4019



18.1716, 0.4063, 0.4626



4.6226, 0.3269, 0.3382



7.2290, 0.5569, 0.3960



0.0000, 0.0000, 0.0000

Inverse Universe

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



9.7435, 0.2186, 0.2437



14.5855, 0.2026, 0.2209



4.5324, 0.1960, 0.1448



4.5888, 0.2993, 0.3196



6.3198, 0.1854, 0.1875



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 10.4388, 0.4582, 0.3955 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



This preview shows how the Yxy color 10.4388, 0.4582, 0.3955 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

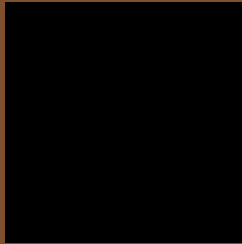
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.4388, 0.4582, 0.3955

Background



This preview shows how black text looks on a background with the Yxy color 10.4388, 0.4582, 0.3955.



This preview shows how white text looks on a background with the Yxy color 10.4388, 0.4582, 0.3955.

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

10.4388, 0.4582, 0.3955

Protanopia

10.4706, 0.3936, 0.4265

Deuteranopia

10.5015, 0.4278, 0.4216



Tritanopia

10.4301, 0.4018, 0.3194

Trichromacy



Original Color

10.4388, 0.4582, 0.3955

Protanomaly

10.3448, 0.4155, 0.4144

Deuteranomaly

10.3740, 0.4391, 0.4105

Tritanomaly

10.3143, 0.4241, 0.3472

Monochromacy



Original Color

10.4388, 0.4582, 0.3955

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 10.4388, 0.4582, 0.3955 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(127, 80, 45)` looks like.

```
.text, #text, p{  
    color:rgb(127, 80, 45)  
}
```

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(127, 80, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 80, 45) }
```

Border

The CSS property to change the border of an element to Yxy 10.4388, 0.4582, 0.3955 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(127, 80, 45) }
```

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

```
.border{ border-color:rgb(127, 80, 45) }
```

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

Here you see how a box with a 4 pixel rgb(127, 80, 45) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 80, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 80, 45);  
box-shadow:4px 4px 4px 4px rgb(127, 80,  
45) }
```


Background

The CSS property to change the background color of an element to Yxy 10.4388, 0.4582, 0.3955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 80, 45) }
```

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

```
.background{ background-color: rgb(127, 80,  
45) }
```

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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