

Converting Colors

$Yxy(10.5907, 0.4895, 0.3707)$

Have a look what the booklet for
Yxy(10.5907, 0.4895, 0.3707)
contains.

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Color

Yxy(10.5907, 0.4895, 0.3707)

Conversions

Conversions Part 1

Format	Color
Hex	8E482F
RGB	142, 72, 47
RGB Percent	56%, 28%, 18%
CMY	0.4432, 0.7176, 0.8158
CMYK	0.00, 0.49, 0.67, 0.44
HSL	16°, 50%, 37%
HSV	16°, 67%, 56%
XYZ	13.9848, 10.5907, 3.9940
YIQ	90.0800, 49.7450, 7.0650

Conversions

Conversions Part 2

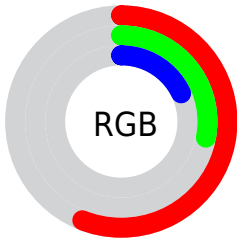
Format	Color
R_{YB}	142, 81, 47
Decimal	9324591
CIE _{Lab}	38.88, 27.40, 28.17
CIE _{LCh}	39, 39.299, 45.795
Yxy	10.5907, 0.4895, 0.3707
Android (android.graphics.Color)	4287514671 (0xFF8E482F)
YUV	90.0800, -21.2384, 45.5338
Hunter-Lab	32.5434, 19.7554, 15.5038

Details

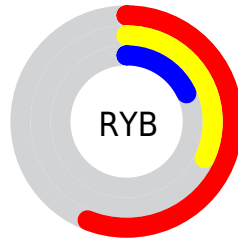
The Yxy color **10.5907, 0.4895, 0.3707** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **15.2707, 0.2234, 0.2748**, and the grayscale version is **10.2835, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.0066, 0.4440, 0.3655**, and **2.7215, 0.5861, 0.3728** is the 20% darker color. If you saturate the color by 10%, you get **9.2554, 0.5271, 0.3717**, and if you desaturate by 10%, it is **12.1945, 0.4528, 0.3668**.

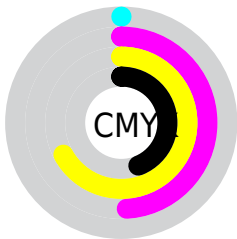
Distribution



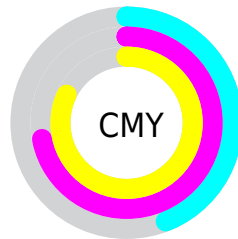
- Red (56%)
- Green (28%)
- Blue (18%)



- Red (56%)
- Yellow (32%)
- Blue (18%)



- Cyan (0%)
- Magenta (49%)
- Yellow (67%)
- Black (44%)




- Cyan (44%)
- Magenta (72%)
- Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.5907, 0.4895, 0.3707 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 10.5907, 0.4895, 0.3707 by changing the saturation by 10% instead.


 10.5907, 0.4895,
0.3707


 10.5907, 0.4895,
0.3707


194.8376, 0.3805,
0.3519

 5.7923, 0.5249,
0.3712

 26.9008, 0.4439,
0.3658


 2.7192, 0.5853,
0.3727

 39.1813, 0.4287,
0.3631


 0.9870, 0.6529,
0.3471

 54.7246, 0.4165,
0.3607

 0.0000, 1.0000,
0.0000

 73.9152, 0.4066,
0.3585

 0.0000, 0.0000,
0.0000

 97.1373, 0.3984,
0.3566

 124.7755, 0.3915,

0.3549

157.2141, 0.3856,
0.3533

■ 10.5907, 0.4895,
0.3707

■ 10.5907, 0.4895,
0.3707

■ 9.2554, 0.5271,
0.3717

■ 12.1945, 0.4528,
0.3668

■ 8.1716, 0.5625,
0.3690

■ 14.0793, 0.4191,
0.3610

■ 7.3205, 0.5924,
0.3626

■ 16.2586, 0.3893,
0.3542

■ 7.0989, 0.6012,
0.3608

■ 18.7447, 0.3637,
0.3471

■ 21.5490, 0.3420,
0.3401

■ 24.6825, 0.3236,
0.3334

■ 28.1555, 0.3083,
0.3271

■ 31.9779, 0.2953,
0.3214

■ 36.1591, 0.2844,
0.3161

Harmonies

Analogous

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



10.5907, 0.4573, 0.3084



10.5907, 0.4895, 0.3707



10.5907, 0.4651, 0.4341

Triad

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



10.5907, 0.4895, 0.3707



10.5907, 0.2388, 0.4255



10.5907, 0.2140, 0.1972

Complementary

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



10.5907, 0.4895, 0.3707



15.2707, 0.2234, 0.2748

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.



10.5907, 0.1732, 0.2065



10.5907, 0.4895, 0.3707



10.5907, 0.1839, 0.3263

Square

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



10.5907, 0.4895, 0.3707



10.5907, 0.3185, 0.4902



10.5907, 0.1628, 0.2477



10.5907, 0.2854, 0.2143

Rectangle

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



10.5907, 0.4895, 0.3707



10.5907, 0.4255, 0.4709



10.5907, 0.1628, 0.2477



10.5907, 0.1970, 0.1972

Sweetspot

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



10.5913, 0.4895, 0.3707



36.2070, 0.3491, 0.3425



9.0953, 0.3619, 0.2130



7.8144, 0.3545, 0.3442



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



10.5913, 0.4895, 0.3707



15.3614, 0.5444, 0.3710



18.9689, 0.4273, 0.4460



5.6408, 0.3275, 0.3349



6.4013, 0.6005, 0.3614



0.0931, 0.5286, 0.4185

Inverse Universe

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



15.2707, 0.2234, 0.2748



24.0541, 0.2110, 0.2607



7.0291, 0.1982, 0.1680



5.8792, 0.2990, 0.3231



10.7810, 0.2010, 0.2435



0.1391, 0.2133, 0.2878

Previews

White Background



This preview shows how the Yxy color 10.5907, 0.4895, 0.3707 looks on a white background.

Color Contrast Check

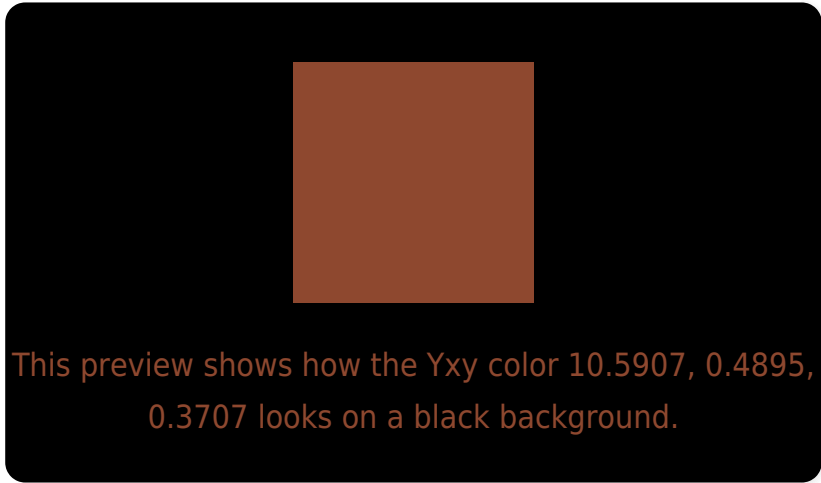
Large Text (above 18pt) WCAG AA ✓ Pass

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 10.5907, 0.4895, 0.3707

Background



This preview shows how black text looks on a background with the Yxy color 10.5907, 0.4895, 0.3707.



This preview shows how white text looks on a background with the Yxy color 10.5907, 0.4895, 0.3707.

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

10.5907, 0.4895, 0.3707

Protanopia

10.6873, 0.3854, 0.4178

Deuteranopia

10.7387, 0.4267, 0.4211



Tritanopia

10.5769, 0.4468, 0.3224

Trichromacy



Original Color

10.5907, 0.4895, 0.3707

Protanomaly

10.4490, 0.4239, 0.4009

Deuteranomaly

10.5091, 0.4505, 0.4011

Tritanomaly

10.5901, 0.4634, 0.3398

Monochromacy



Original Color

10.5907, 0.4895, 0.3707

Achromatopsia

10.2242, 0.3127, 0.3290

Achromatomaly

9.9321, 0.3745, 0.3497

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.5907, 0.4895, 0.3707 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(142, 72, 47)` looks like.

```
.text, #text, p{  
    color:rgb(142, 72, 47)  
}
```

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(142, 72, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 72, 47) }
```

Border

The CSS property to change the border of an element to Yxy 10.5907, 0.4895, 0.3707 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(142, 72, 47) }
```

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

```
.border{ border-color:rgb(142, 72, 47) }
```

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

Here you see how a box with a 4 pixel rgb(142, 72, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 72, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 72, 47);  
box-shadow:4px 4px 4px 4px rgb(142, 72,  
47) }
```


Background

The CSS property to change the background color of an element to Yxy 10.5907, 0.4895, 0.3707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 72, 47) }
```

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

```
.background{ background-color: rgb(142, 72,  
47) }
```

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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