

Converting Colors

$Y_{xy}(10.5992, 0.5141, 0.3755)$

Have a look what the booklet for
Yxy(10.5992, 0.5141, 0.3755)
contains.

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Color

Yxy(10.5992, 0.5141, 0.3755)

Conversions

Conversions Part 1

Format	Color
Hex	934526
RGB	147, 69, 38
RGB Percent	58%, 27%, 15%
CMY	0.4235, 0.7294, 0.8509
CMYK	0.00, 0.53, 0.74, 0.42
HSL	17°, 59%, 36%
HSV	17°, 74%, 58%
XYZ	14.5114, 10.5992, 3.1162
YIQ	88.7880, 56.4390, 6.8950

Conversions

Conversions Part 2

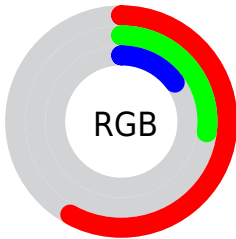
Format	Color
RYB	147, 81, 38
Decimal	9651494
CIELab	38.90, 30.61, 33.47
CIELCh	39, 45.359, 47.558
Yxy	10.5992, 0.5141, 0.3755
Android (android.graphics.Color)	4287841574 (0xFF934526)
YUV	88.7880, -25.0385, 51.0519
Hunter-Lab	32.5564, 22.5895, 17.1143

Details

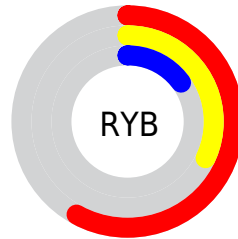
The Yxy color **10.5992, 0.5141, 0.3755** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **15.0152, 0.2154, 0.2626**, and the grayscale version is **9.9884, 0.3127, 0.3290**.

A 20% lighter version of the original color is **26.9556, 0.4646, 0.3722**, and **2.7605, 0.6003, 0.3616** is the 20% darker color. If you saturate the color by 10%, you get **9.3412, 0.5497, 0.3740**, and if you desaturate by 10%, it is **12.1254, 0.4772, 0.3732**.

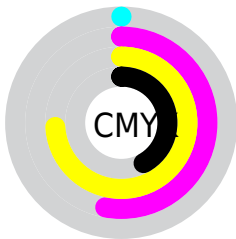
Distribution



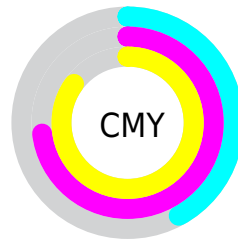
- Red (58%)
- Green (27%)
- Blue (15%)



- Red (58%)
- Yellow (32%)
- Blue (15%)



- Cyan (0%)
- Magenta (53%)
- Yellow (74%)
- Black (42%)




- Cyan (42%)
- Magenta (73%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.5992, 0.5141, 0.3755 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 10.5992, 0.5141, 0.3755 by changing the saturation by 10% instead.


 10.5992, 0.5141,
0.3755


 10.5992, 0.5141,
0.3755


194.8968, 0.3912,
0.3566

 5.7980, 0.5519,
0.3737

 26.9166, 0.4637,
0.3718

 2.7227, 0.6236,
0.3764

 39.2016, 0.4465,
0.3691


 0.9887, 0.6686,
0.3314

 54.7500, 0.4326,
0.3665

 0.0000, 1.0000,
0.0000

 73.9462, 0.4213,
0.3641

 0.0000, 0.0000,
0.0000

 97.1746, 0.4119,
0.3620

 124.8195, 0.4039,

0.3600

157.2655, 0.3971,
0.3582

10.5992, 0.5141,
0.3755

10.5992, 0.5141,
0.3755

9.3412, 0.5497,
0.3740

12.1254, 0.4772,
0.3732

8.3327, 0.5804,
0.3682

13.9334, 0.4419,
0.3682

7.8444, 0.5969,
0.3643

16.0375, 0.4097,
0.3616

18.4509, 0.3815,
0.3541

21.1856, 0.3572,
0.3464

■ 24.2532, 0.3365,
0.3389

■ 27.6645, 0.3191,
0.3318

■ 31.4299, 0.3044,
0.3252

■ 35.5595, 0.2920,
0.3191

Harmonies

Analogous

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



10.5992, 0.4833, 0.3073



10.5992, 0.5141, 0.3755



10.5992, 0.4797, 0.4470

Triad

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



10.5992, 0.5141, 0.3755



10.5992, 0.2223, 0.4356



10.5992, 0.2049, 0.1821

Complementary

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



10.5992, 0.5141, 0.3755



15.0152, 0.2154, 0.2626

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.



10.5992, 0.1586, 0.1893



10.5992, 0.5141, 0.3755



10.5992, 0.1646, 0.3173

Square

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



10.5992, 0.5141, 0.3755



10.5992, 0.3102, 0.5158



10.5992, 0.1449, 0.2311



10.5992, 0.2863, 0.2025

Rectangle

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



10.5992, 0.5141, 0.3755



10.5992, 0.4320, 0.4907



10.5992, 0.1449, 0.2311



10.5992, 0.1856, 0.1812

Sweetspot

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



10.5998, 0.5141, 0.3755



38.8215, 0.3534, 0.3451



8.8547, 0.3767, 0.2100



8.5729, 0.3588, 0.3470



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



10.5998, 0.5141, 0.3755



15.4717, 0.5710, 0.3706



20.6066, 0.4346, 0.4589



6.0680, 0.3276, 0.3354



6.8382, 0.5959, 0.3651



0.1288, 0.5229, 0.4230

Inverse Universe

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



15.0152, 0.2154, 0.2626



23.5364, 0.2035, 0.2451



5.9246, 0.1848, 0.1409



6.2864, 0.2990, 0.3226



10.6661, 0.1989, 0.2361



0.1808, 0.2122, 0.2840

Previews

White Background



This preview shows how the Yxy color 10.5992, 0.5141, 0.3755 looks on a white background.

Color Contrast Check

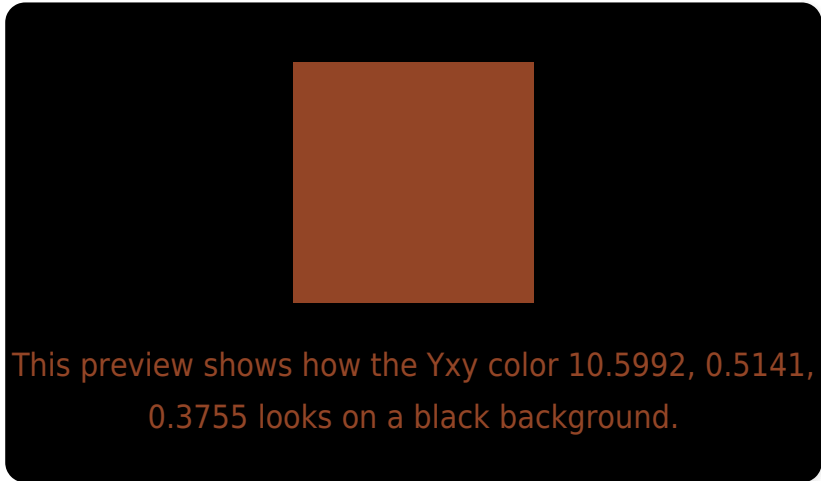
Large Text (above 18pt) WCAG AA ✓ Pass

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 10.5992, 0.5141, 0.3755

Background



This preview shows how black text looks on a background with the Yxy color 10.5992, 0.5141, 0.3755.



This preview shows how white text looks on a background with the Yxy color 10.5992, 0.5141, 0.3755.

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

10.5992, 0.5141, 0.3755

Protanopia

10.6685, 0.3996, 0.4359

Deuteranopia

10.7341, 0.4421, 0.4380



Tritanopia

10.5187, 0.4644, 0.3212

Trichromacy



Original Color

10.5992, 0.5141, 0.3755

Protanomaly

10.3594, 0.4419, 0.4139

Deuteranomaly

10.5182, 0.4704, 0.4124

Tritanomaly

10.4978, 0.4867, 0.3423

Monochromacy



Original Color

10.5992, 0.5141, 0.3755

Achromatopsia

9.9899, 0.3127, 0.3290

Achromatomaly

9.7918, 0.3841, 0.3564

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.5992, 0.5141, 0.3755 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(147, 69, 38)` looks like.

```
.text, #text, p{  
    color:rgb(147, 69, 38)  
}
```

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(147, 69, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 69, 38) }
```

Border

The CSS property to change the border of an element to Yxy 10.5992, 0.5141, 0.3755 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(147, 69, 38) }
```

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

```
.border{ border-color:rgb(147, 69, 38) }
```

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

Here you see how a box with a 4 pixel rgb(147, 69, 38) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 69, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 69, 38);  
box-shadow:4px 4px 4px 4px rgb(147, 69,  
38) }
```


Background

The CSS property to change the background color of an element to Yxy 10.5992, 0.5141, 0.3755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 69, 38) }
```

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

```
.background{ background-color: rgb(147, 69,  
38) }
```

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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