

Converting Colors

$Y_{xy}(12.9543, 0.3453, 0.3057)$

Have a look what the booklet for
Yxy(12.9543, 0.3453, 0.3057)
contains.

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Color

Yxy(12.9389, 0.3452, 0.3052)

Conversions

Conversions Part 1

Format	Color
Hex	7C5C68
RGB	124, 92, 104
RGB Percent	49%, 36%, 41%
CMY	0.5138, 0.6392, 0.5922
CMYK	0.00, 0.26, 0.16, 0.51
HSL	338°, 15%, 42%
HSV	338°, 26%, 49%
XYZ	14.6347, 12.9389, 14.8212
YIQ	102.9360, 15.2200, 10.5160

Conversions

Conversions Part 2

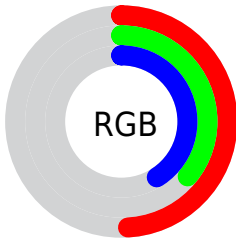
Format	Color
R_{YB}	124, 92, 104
Decimal	8150120
CIE Lab	42.67, 15.10, -1.72
CIE LCh	43, 15.196, 353.483
Yxy	12.9389, 0.3452, 0.3052
Android (android.graphics.Color)	4286340200 (0xFF7C5C68)
YUV	102.9360, 0.5246, 18.4731
Hunter-Lab	35.9707, 9.6741, 0.7498

Details

The Yxy color **12.9389, 0.3452, 0.3052** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **17.8540, 0.2885, 0.3542**, and the grayscale version is **13.5413, 0.3127, 0.3290**.

A 20% lighter version of the original color is **31.0597, 0.3372, 0.3106**, and **3.7052, 0.3605, 0.2943** is the 20% darker color. If you saturate the color by 10%, you get **10.8137, 0.3626, 0.2955**, and if you desaturate by 10%, it is **15.4313, 0.3307, 0.3148**.

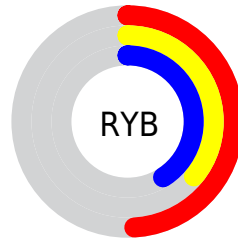
Distribution



Red (49%)

Green (36%)

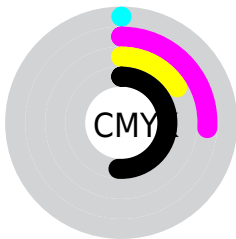
Blue (41%)



Red (49%)

Yellow (36%)

Blue (41%)

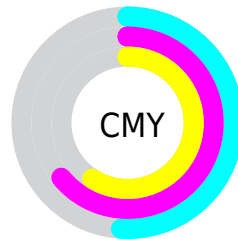


Cyan (0%)

Magenta (26%)

Yellow (16%)

Black (51%)



Cyan (51%)


Magenta (64%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 12.9389, 0.3452, 0.3052 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 12.9389, 0.3452, 0.3052 by changing the saturation by 10% instead.


 12.9389, 0.3452,
0.3052


 12.9389, 0.3452,
0.3052

210.5257, 0.3256,
0.3195


 7.3865, 0.3518,
0.3005


 31.1940, 0.3370,
0.3111


 3.7050, 0.3617,
0.2934

 44.6654, 0.3343,
0.3131

 1.5099, 0.3783,
0.2817

 61.5453, 0.3321,
0.3147

 0.2957, 0.4681,
0.2131

 82.2181, 0.3303,
0.3160

 0.0000, 0.0000,
0.0000

107.0681, 0.3289,
0.3171

136.4798, 0.3276,

0.3180

170.8376, 0.3265,
0.3188

■ 12.9389, 0.3452,
0.3052

■ 12.9389, 0.3452,
0.3052

■ 10.8137, 0.3626,
0.2955

■ 15.4313, 0.3307,
0.3148

■ 9.0366, 0.3833,
0.2860

■ 18.3053, 0.3187,
0.3240

■ 7.5890, 0.4075,
0.2776

■ 21.5770, 0.3088,
0.3326

■ 6.4504, 0.4349,
0.2710

■ 25.2608, 0.3006,
0.3405

■ 5.5976, 0.4649,
0.2673

■ 29.3704, 0.2938,
0.3479

■ 5.0042, 0.4960,
0.2678

■ 33.9189, 0.2882,
0.3547

■ 4.6247, 0.5265,
0.2725

■ 38.9188, 0.2835,
0.3608

■ 4.4839, 0.5396,
0.2746

■ 44.3822, 0.2796,
0.3665

■ 50.3206, 0.2764,
0.3717

Harmonies

Analogous

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



12.9389, 0.3126, 0.2855



12.9389, 0.3452, 0.3052



12.9389, 0.3695, 0.3310

Triad

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



12.9389, 0.3452, 0.3052



12.9389, 0.3423, 0.3873



12.9389, 0.2517, 0.2954

Complementary

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



12.9389, 0.3452, 0.3052



17.8540, 0.2885, 0.3542

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.



12.9389, 0.2588, 0.3228



12.9389, 0.3452, 0.3052



12.9389, 0.3102, 0.3786

Square

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



12.9389, 0.3452, 0.3052



12.9389, 0.3674, 0.3787



12.9389, 0.2798, 0.3541



12.9389, 0.2598, 0.2790

Rectangle

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



12.9389, 0.3452, 0.3052



12.9389, 0.3770, 0.3490



12.9389, 0.2798, 0.3541



12.9389, 0.2524, 0.3036

Sweetspot

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



12.9395, 0.3452, 0.3052



30.9445, 0.3214, 0.3218



12.5382, 0.2978, 0.2646



7.1278, 0.3229, 0.3206



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.



12.9395, 0.3452, 0.3052



20.4753, 0.3552, 0.2994



13.3752, 0.3625, 0.3367



4.0376, 0.3224, 0.3210



4.5601, 0.5398, 0.2747



21.5991, 0.5527, 0.2819

Inverse Universe

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



12.9395, 0.3452, 0.3052



20.4753, 0.3552, 0.2994



17.2223, 0.2760, 0.3212



4.0376, 0.3224, 0.3210



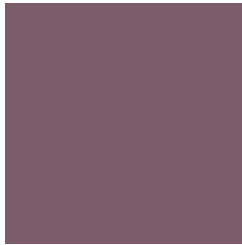
4.5601, 0.5398, 0.2747



21.5991, 0.5527, 0.2819

Previews

White Background



This preview shows how the Yxy color 12.9389, 0.3452, 0.3052 looks on a white background.

Color Contrast Check

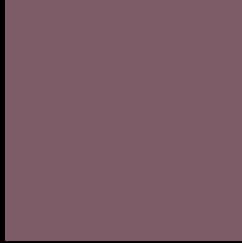
Large Text (above 18pt) WCAG AA ✓ Pass

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 12.9389, 0.3452, 0.3052 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

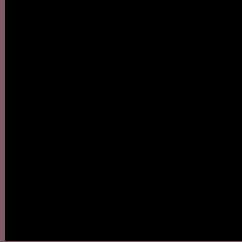
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 12.9389, 0.3452, 0.3052

Background



This preview shows how black text looks on a background with the Yxy color 12.9389, 0.3452, 0.3052.



This preview shows how white text looks on a background with the Yxy color 12.9389, 0.3452, 0.3052.

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

12.9389, 0.3452, 0.3052

Protanopia

12.9278, 0.3008, 0.3093

Deuteranopia

13.0296, 0.3237, 0.3184



Tritanopia

12.9598, 0.3496, 0.3150

Trichromacy



Original Color

12.9389, 0.3452, 0.3052

Protanomaly

12.8621, 0.3167, 0.3078

Deuteranomaly

12.9899, 0.3317, 0.3145

Tritanomaly

12.9792, 0.3480, 0.3130

Monochromacy



Original Color

12.9389, 0.3452, 0.3052

Achromatopsia

13.5633, 0.3127, 0.3290

Achromatomaly

13.2825, 0.3250, 0.3206

CSS Examples

Text

The CSS property to change the color of the text to Yxy 12.9389, 0.3452, 0.3052 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(124, 92, 104)` looks like.

```
.text, #text, p{  
  color:rgb(124, 92, 104)  
}
```

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(124, 92, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 92, 104) }
```

Border

The CSS property to change the border of an element to Yxy 12.9389, 0.3452, 0.3052 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(124, 92, 104) }
```

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

```
.border{ border-color:rgb(124, 92, 104) }
```

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

Here you see how a box with a 4 pixel rgb(124, 92, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 92, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 92, 104);  
box-shadow:4px 4px 4px 4px rgb(124, 92,  
104) }
```


Background

The CSS property to change the background color of an element to Yxy 12.9389, 0.3452, 0.3052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 92, 104) }
```

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

```
.background{ background-color: rgb(124, 92,  
104) }
```

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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