

Converting Colors

$Y_{xy}(14.5417, 0.4094, 0.3623)$

Have a look what the booklet for
Yxy(14.5417, 0.4094, 0.3623)
contains.

Yxy(14.4912, 0.4093, 0.3622)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(14.4912, 0.4093, 0.3622)

Conversions

Conversions Part 1

Format	Color
Hex	8C604E
RGB	140, 96, 78
RGB Percent	55%, 38%, 31%
CMY	0.4509, 0.6236, 0.6941
CMYK	0.00, 0.31, 0.44, 0.45
HSL	17°, 28%, 43%
HSV	17°, 44%, 55%
XYZ	16.3756, 14.4912, 9.1420
YIQ	107.1040, 32.0020, 3.7300

Conversions

Conversions Part 2

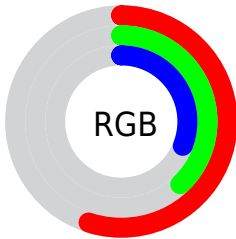
Format	Color
R_{YB}	140, 103, 78
Decimal	9199694
CIE _{Lab}	44.93, 15.59, 17.47
CIE _{LCh}	45, 23.420, 48.252
Yxy	14.4912, 0.4093, 0.3622
Android (android.graphics.Color)	4287389774 (0xFF8C604E)
YUV	107.1040, -14.3483, 28.8498
Hunter-Lab	38.0673, 10.1685, 12.4084

Details

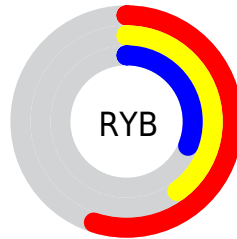
The Yxy color **14.4912, 0.4093, 0.3622** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **17.4395, 0.2487, 0.2922**, and the grayscale version is **14.7677, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.0018, 0.3851, 0.3561**, and **4.3811, 0.4582, 0.3720** is the 20% darker color. If you saturate the color by 10%, you get **12.6116, 0.4411, 0.3690**, and if you desaturate by 10%, it is **16.6444, 0.3813, 0.3546**.

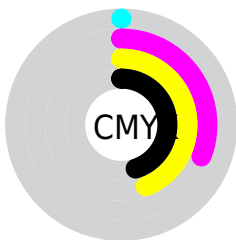
Distribution



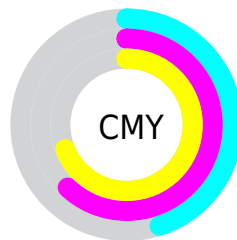
- Red (55%)
- Green (38%)
- Blue (31%)



- Red (55%)
- Yellow (40%)
- Blue (31%)



- Cyan (0%)
- Magenta (31%)
- Yellow (44%)
- Black (45%)



- Cyan (45%)
- Magenta (62%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.4912, 0.4093, 0.3622 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 14.4912, 0.4093, 0.3622 by changing the saturation by 10% instead.


 14.4912, 0.4093,
0.3622


 14.4912, 0.4093,
0.3622


220.2656, 0.3514,
0.3443


 8.4631, 0.4282,
0.3667


 33.9581, 0.3853,
0.3555


 4.3927, 0.4557,
0.3719

 48.1656, 0.3773,
0.3531


 1.8956, 0.5037,
0.3803

 65.8685, 0.3708,
0.3510

 0.5457, 0.6227,
0.3773

 87.4510, 0.3655,
0.3492

 0.0000, 0.0000,
0.0000

 113.2976, 0.3611,
0.3477

143.7926, 0.3573,

0.3464

179.3204, 0.3541,
0.3453

■ 14.4912, 0.4093,
0.3622

■ 14.4912, 0.4093,
0.3622

■ 12.6116, 0.4411,
0.3690

■ 16.6444, 0.3813,
0.3546

■ 10.9921, 0.4760,
0.3741

■ 19.0795, 0.3572,
0.3468

■ 9.6214, 0.5125,
0.3765


■ 21.8074, 0.3367,
0.3392

■ 8.4862, 0.5477,
0.3752

■ 24.8375, 0.3193,
0.3320


■ 7.5718, 0.5784,
0.3696


■ 28.1788, 0.3046,
0.3252

 7.1369, 0.5947,
0.3660

 31.8400, 0.2922,
0.3190

 35.8295, 0.2817,
0.3133

 40.1552, 0.2728,
0.3082

 44.8249, 0.2651,
0.3035

Harmonies

Analogous

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



14.4912, 0.3926, 0.3237



14.4912, 0.4093, 0.3622



14.4912, 0.3976, 0.3963

Triad

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



14.4912, 0.4093, 0.3622



14.4912, 0.2707, 0.3746



14.4912, 0.2601, 0.2519

Complementary

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



14.4912, 0.4093, 0.3622



17.4395, 0.2487, 0.2922

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.



14.4912, 0.2326, 0.2585



14.4912, 0.4093, 0.3622



14.4912, 0.2380, 0.3266

Square

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



14.4912, 0.4093, 0.3622



14.4912, 0.3161, 0.4089



14.4912, 0.2248, 0.2842



14.4912, 0.3033, 0.2630

Rectangle

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



14.4912, 0.4093, 0.3622



14.4912, 0.3763, 0.4115



14.4912, 0.2248, 0.2842



14.4912, 0.2489, 0.2520

Sweetspot

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



14.4919, 0.4093, 0.3622



38.9551, 0.3348, 0.3384



12.4425, 0.3445, 0.2509



8.7429, 0.3385, 0.3399



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.



14.4919, 0.4093, 0.3622



22.2823, 0.4405, 0.3689



21.1981, 0.3854, 0.4141



5.2697, 0.3274, 0.3354



6.3705, 0.5939, 0.3667



0.0650, 0.5213, 0.4243

Inverse Universe

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



17.4395, 0.2487, 0.2922



28.1257, 0.2362, 0.2824



11.0713, 0.2375, 0.2256



5.4476, 0.2991, 0.3225



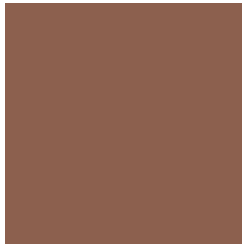
9.7111, 0.1985, 0.2345



0.0898, 0.2119, 0.2830

Previews

White Background



This preview shows how the Yxy color 14.4912, 0.4093, 0.3622 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 14.4912, 0.4093, 0.3622 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 14.4912, 0.4093, 0.3622

Background



This preview shows how black text looks on a background with the Yxy color 14.4912, 0.4093, 0.3622.



This preview shows how white text looks on a background with the Yxy color 14.4912, 0.4093, 0.3622.

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

14.4912, 0.4093, 0.3622

Protanopia

14.5100, 0.3553, 0.3776

Deuteranopia

14.5506, 0.3861, 0.3785



Tritanopia

14.4996, 0.3792, 0.3165

Trichromacy



Original Color

14.4912, 0.4093, 0.3622

Protanomaly

14.3078, 0.3742, 0.3716

Deuteranomaly

14.5557, 0.3953, 0.3734

Tritanomaly

14.4408, 0.3900, 0.3329

Monochromacy



Original Color

14.4912, 0.4093, 0.3622

Achromatopsia

14.7027, 0.3127, 0.3290

Achromatomaly

14.4670, 0.3458, 0.3434

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.4912, 0.4093, 0.3622 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(140, 96, 78)` looks like.

```
.text, #text, p{  
    color:rgb(140, 96, 78)  
}
```

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(140, 96, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 96, 78) }
```

Border

The CSS property to change the border of an element to Yxy 14.4912, 0.4093, 0.3622 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(140, 96, 78) }
```

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

```
.border{ border-color:rgb(140, 96, 78) }
```

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

Here you see how a box with a 4 pixel rgb(140, 96, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 96, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 96, 78);  
box-shadow:4px 4px 4px 4px rgb(140, 96,  
78) }
```


Background

The CSS property to change the background color of an element to Yxy 14.4912, 0.4093, 0.3622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 96, 78) }
```

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

```
.background{ background-color: rgb(140, 96,  
78) }
```

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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