

Converting Colors

$Y_{xy}(10.6951, 0.4397, 0.3269)$

Have a look what the booklet for
Yxy(10.6951, 0.4397, 0.3269)
contains.

Yxy(10.6912, 0.4392, 0.3276)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(10.6912, 0.4392, 0.3276)

Conversions

Conversions Part 1

Format	Color
Hex	8C4849
RGB	140, 72, 73
RGB Percent	55%, 28%, 29%
CMY	0.4510, 0.7176, 0.7137
CMYK	0.00, 0.49, 0.48, 0.45
HSL	359°, 32%, 42%
HSV	359°, 49%, 55%
XYZ	14.3333, 10.6912, 7.6105
YIQ	92.4460, 40.2070, 14.7270

Conversions

Conversions Part 2

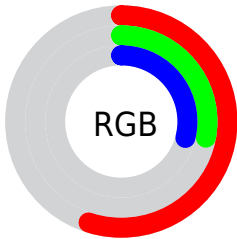
Format	Color
R_{YB}	140, 72, 73
Decimal	9193545
CIE Lab	39.06, 28.83, 12.54
CIE LCh	39, 31.438, 23.505
Yxy	10.6912, 0.4392, 0.3276
Android (android.graphics.Color)	4287383625 (0xFF8C4849)
YUV	92.4460, -9.5869, 41.7049
Hunter-Lab	32.6974, 21.0269, 9.0882

Details

The Yxy color **10.6912, 0.4392, 0.3276** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **21.9945, 0.2513, 0.3308**, and the grayscale version is **10.8271, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.0600, 0.4044, 0.3293**, and **2.7674, 0.5070, 0.3175** is the 20% darker color. If you saturate the color by 10%, you get **8.9197, 0.4818, 0.3275**, and if you desaturate by 10%, it is **12.9165, 0.4024, 0.3278**.

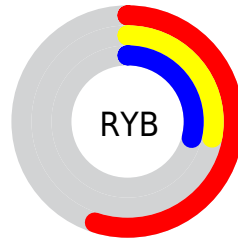
Distribution



Red (55%)

Green (28%)

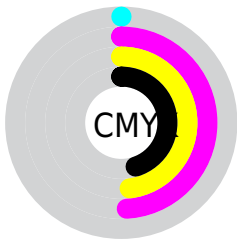
Blue (29%)



Red (55%)

Yellow (28%)

Blue (29%)

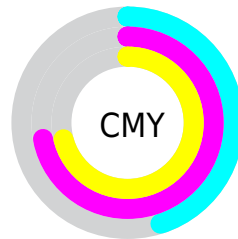


Cyan (0%)

Magenta (49%)

Yellow (48%)

Black (45%)



Cyan (45%)

Magenta (72%)

Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.6912, 0.4392, 0.3276 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 10.6912, 0.4392, 0.3276 by changing the saturation by 10% instead.


 10.6912, 0.4392,
0.3276

 10.6912, 0.4392,
0.3276

195.5366, 0.3602,
0.3310


 5.8596, 0.4672,
0.3245

 27.0877, 0.4053,
0.3300


 2.7599, 0.5100,
0.3178

 39.4214, 0.3942,
0.3305


 1.0077, 0.6144,
0.3178

 55.0246, 0.3855,
0.3308

 0.0000, 1.0000,
0.0000

 74.2816, 0.3785,
0.3309

 0.0000, 0.0000,
0.0000

 97.5770, 0.3727,
0.3310

125.2950, 0.3679,

0.3310

157.8200, 0.3637,
0.3310

■ 10.6912, 0.4392,
0.3276

■ 10.6912, 0.4392,
0.3276

■ 8.9197, 0.4818,
0.3275

■ 12.9165, 0.4024,
0.3278

■ 7.5694, 0.5278,
0.3276

■ 15.6223, 0.3718,
0.3281

■ 6.6058, 0.5725,
0.3279


■ 18.8348, 0.3468,
0.3284

■ 5.9884, 0.6092,
0.3285


■ 22.5781, 0.3268,
0.3287

■ 5.6269, 0.6344,
0.3288

■ 26.8747, 0.3106,
0.3290

 5.5786, 0.6379,
0.3288

 31.7457, 0.2976,
0.3293

 37.2113, 0.2870,
0.3296

 43.2906, 0.2784,
0.3298

 50.0018, 0.2713,
0.3300

Harmonies

Analogous

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



10.6912, 0.3833, 0.2783



10.6912, 0.4392, 0.3276



10.6912, 0.4549, 0.3812

Triad

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



10.6912, 0.4392, 0.3276



10.6912, 0.3024, 0.4461



10.6912, 0.2035, 0.2240

Complementary

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



10.6912, 0.4392, 0.3276



21.9945, 0.2513, 0.3308

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.



10.6912, 0.1879, 0.2529



10.6912, 0.4392, 0.3276



10.6912, 0.2400, 0.3856

Square

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



10.6912, 0.4392, 0.3276



10.6912, 0.3713, 0.4597



10.6912, 0.1999, 0.3101



10.6912, 0.2453, 0.2211

Rectangle

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



10.6912, 0.4392, 0.3276



10.6912, 0.4410, 0.4153



10.6912, 0.1999, 0.3101



10.6912, 0.1953, 0.2305

Sweetspot

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



10.6918, 0.4392, 0.3276



35.2481, 0.3399, 0.3285



12.0059, 0.3163, 0.2149



7.8498, 0.3438, 0.3285



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.



10.6918, 0.4392, 0.3276



15.5480, 0.4848, 0.3275



16.1184, 0.4103, 0.3885



5.0497, 0.3278, 0.3287



4.9582, 0.6378, 0.3287



0.0331, 0.6272, 0.3229

Inverse Universe

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



10.6918, 0.4392, 0.3276



15.5480, 0.4848, 0.3275



13.8144, 0.2379, 0.2592



5.0497, 0.3278, 0.3287



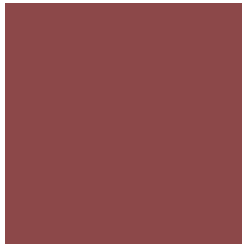
4.9582, 0.6378, 0.3287



0.0331, 0.6272, 0.3229

Previews

White Background



This preview shows how the Yxy color 10.6912, 0.4392, 0.3276 looks on a white background.

Color Contrast Check

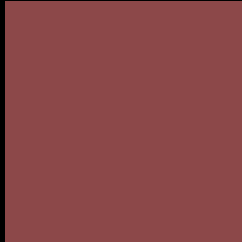
Large Text (above 18pt) WCAG AA ✓ Pass

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 10.6912, 0.4392, 0.3276 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

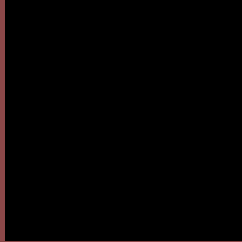
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.6912, 0.4392, 0.3276

Background



This preview shows how black text looks on a background with the Yxy color 10.6912, 0.4392, 0.3276.



This preview shows how white text looks on a background with the Yxy color 10.6912, 0.4392, 0.3276.

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

10.6912, 0.4392, 0.3276

Protanopia

10.7656, 0.3326, 0.3507

Deuteranopia

10.8382, 0.3771, 0.3721



Tritanopia

10.6177, 0.4322, 0.3185

Trichromacy



Original Color

10.6912, 0.4392, 0.3276

Protanomaly

10.5063, 0.3697, 0.3425

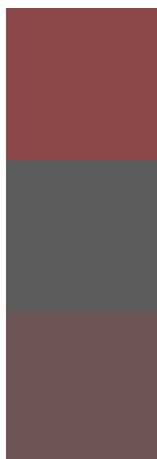
Deuteranomaly

10.6345, 0.3993, 0.3546

Tritanomaly

10.6037, 0.4342, 0.3203

Monochromacy



Original Color

10.6912, 0.4392, 0.3276

Achromatopsia

10.7023, 0.3127, 0.3290

Achromatomaly

10.4041, 0.3541, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.6912, 0.4392, 0.3276 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, 72, 73)` looks like.

```
.text, #text, p{  
    color:rgb(140, 72, 73)  
}
```

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, 72, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 72, 73) }
```

Border

The CSS property to change the border of an element to Yxy 10.6912, 0.4392, 0.3276 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, 72, 73) }
```

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

```
.border{ border-color:rgb(140, 72, 73) }
```

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

Here you see how a box with a 4 pixel rgb(140, 72, 73) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 72, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 72, 73);  
box-shadow:4px 4px 4px 4px rgb(140, 72,  
73) }
```


Background

The CSS property to change the background color of an element to Yxy 10.6912, 0.4392, 0.3276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 72, 73) }
```

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

```
.background{ background-color: rgb(140, 72,  
73) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor