

Converting Colors

$Y_{xy}(10.6836, 0.3919, 0.3270)$

Have a look what the booklet for
Yxy(10.6836, 0.3919, 0.3270)
contains.

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Color

Yxy(10.6914, 0.3921, 0.3272)

Conversions

Conversions Part 1

Format	Color
Hex	7D5051
RGB	125, 80, 81
RGB Percent	49%, 31%, 32%
CMY	0.5098, 0.6863, 0.6824
CMYK	0.00, 0.36, 0.35, 0.51
HSL	359°, 22%, 40%
HSV	359°, 36%, 49%
XYZ	12.8120, 10.6914, 9.1720
YIQ	93.5690, 26.4990, 9.8510

Conversions

Conversions Part 2

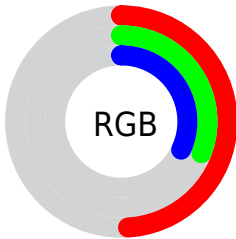
Format	Color
RYB	125, 80, 81
Decimal	8212561
CIELab	39.06, 19.06, 7.25
CIElCh	39, 20.391, 20.830
Yxy	10.6914, 0.3921, 0.3272
Android (android.graphics.Color)	4286402641 (0xFF7D5051)
YUV	93.5690, -6.1965, 27.5650
Hunter-Lab	32.6977, 12.7212, 6.2570

Details

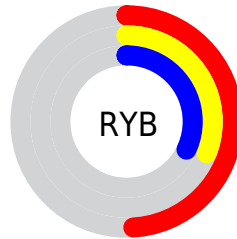
The Yxy color **10.6914, 0.3921, 0.3272** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **17.8303, 0.2651, 0.3310**, and the grayscale version is **11.0970, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.1607, 0.3709, 0.3292**, and **2.7335, 0.4365, 0.3199** is the 20% darker color. If you saturate the color by 10%, you get **8.8613, 0.4264, 0.3268**, and if you desaturate by 10%, it is **12.8961, 0.3638, 0.3277**.

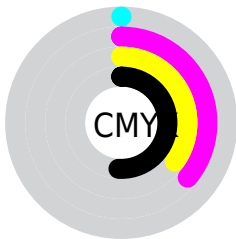
Distribution



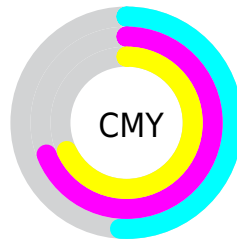
- Red (49%)
- Green (31%)
- Blue (32%)



- Red (49%)
- Yellow (31%)
- Blue (32%)



- Cyan (0%)
- Magenta (36%)
- Yellow (35%)
- Black (51%)



- Cyan (51%)
- Magenta (69%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.6914, 0.3921, 0.3272 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 10.6914, 0.3921, 0.3272 by changing the saturation by 10% instead.


 10.6914, 0.3921,
0.3272


 10.6914, 0.3921,
0.3272


195.5380, 0.3425,
0.3293


 5.8597, 0.4100,
0.3257

 27.0881, 0.3707,
0.3285


 2.7600, 0.4379,
0.3226

 39.4219, 0.3638,
0.3288

 1.0077, 0.4948,
0.3197

 55.0252, 0.3583,
0.3289

 0.0000, 1.0000,
0.0000

 74.2824, 0.3540,
0.3291

 0.0000, 0.0000,
0.0000

 97.5779, 0.3503,
0.3292

125.2960, 0.3473,

0.3292

157.8212, 0.3447,
0.3293

■ 10.6914, 0.3921,
0.3272

■ 10.6914, 0.3921,
0.3272

■ 8.8613, 0.4264,
0.3268

■ 12.8961, 0.3638,
0.3277

■ 7.3837, 0.4666,
0.3265

■ 15.4931, 0.3407,
0.3282

■ 6.2363, 0.5111,
0.3264


■ 18.5007, 0.3221,
0.3287


■ 5.3938, 0.5563,
0.3267


■ 21.9355, 0.3071,
0.3292

■ 4.8271, 0.5963,
0.3274


■ 25.8134, 0.2949,
0.3296

 4.4858, 0.6256,
0.3280

 30.1493, 0.2851,
0.3300

 4.3666, 0.6364,
0.3279

 34.9576, 0.2769,
0.3304

 40.2519, 0.2703,
0.3307

 46.0452, 0.2647,
0.3310

Harmonies

Analogous

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



10.6914, 0.3550, 0.2926



10.6914, 0.3921, 0.3272



10.6914, 0.4059, 0.3644

Triad

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



10.6914, 0.3921, 0.3272



10.6914, 0.3122, 0.4039



10.6914, 0.2368, 0.2597

Complementary

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



10.6914, 0.3921, 0.3272



17.8303, 0.2651, 0.3310

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.



10.6914, 0.2276, 0.2831



10.6914, 0.3921, 0.3272



10.6914, 0.2689, 0.3691

Square

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



10.6914, 0.3921, 0.3272



10.6914, 0.3576, 0.4129



10.6914, 0.2387, 0.3229



10.6914, 0.2650, 0.2547

Rectangle

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



10.6914, 0.3921, 0.3272



10.6914, 0.3998, 0.3869



10.6914, 0.2387, 0.3229



10.6914, 0.2315, 0.2654

Sweetspot

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



10.6919, 0.3921, 0.3272



30.1986, 0.3314, 0.3285



11.4667, 0.3144, 0.2434



6.7393, 0.3334, 0.3284



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.



10.6919, 0.3921, 0.3272



16.4591, 0.4192, 0.3268



14.2479, 0.3794, 0.3712



4.3457, 0.3275, 0.3286



4.5567, 0.6364, 0.3280



0.0000, 0.0000, 0.0000

Inverse Universe

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



10.6919, 0.3921, 0.3272



16.4591, 0.4192, 0.3268



13.0878, 0.2581, 0.2824



4.3457, 0.3275, 0.3286



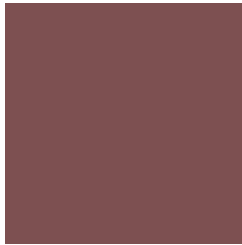
4.5567, 0.6364, 0.3280



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 10.6914, 0.3921, 0.3272 looks on a white background.

Color Contrast Check

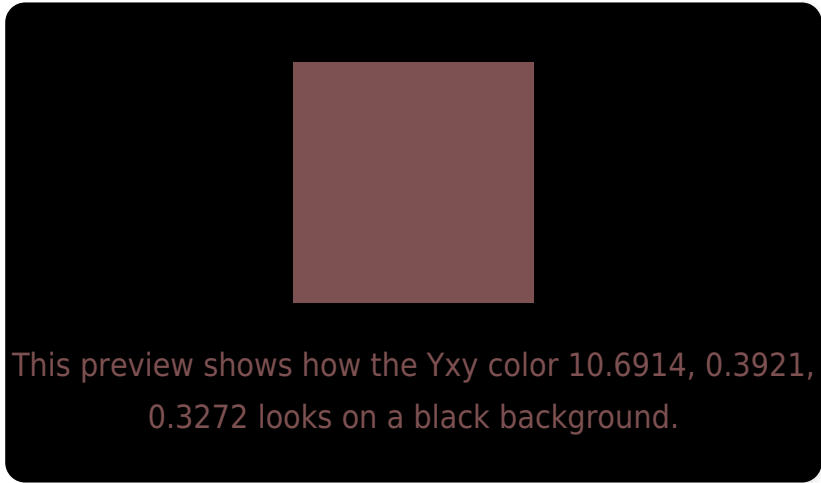
Large Text (above 18pt) WCAG AA ✓ Pass

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

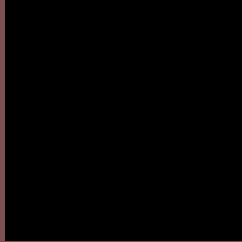
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.6914, 0.3921, 0.3272

Background



This preview shows how black text looks on a background with the Yxy color 10.6914, 0.3921, 0.3272.



This preview shows how white text looks on a background with the Yxy color 10.6914, 0.3921, 0.3272.

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

10.6914, 0.3921, 0.3272

Protanopia

10.7753, 0.3249, 0.3410

Deuteranopia

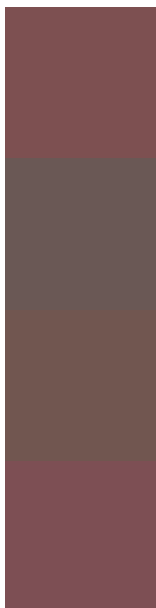
10.7734, 0.3571, 0.3521



Tritanopia

10.6078, 0.3853, 0.3170

Trichromacy



Original Color

10.6914, 0.3921, 0.3272

Protanomaly

10.6995, 0.3477, 0.3359

Deuteranomaly

10.7455, 0.3692, 0.3424

Tritanomaly

10.5920, 0.3872, 0.3190

Monochromacy



Original Color

10.6914, 0.3921, 0.3272

Achromatopsia

11.1932, 0.3127, 0.3290

Achromatomaly

10.8693, 0.3391, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.6914, 0.3921, 0.3272 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(125, 80, 81)` looks like.

```
.text, #text, p{  
    color:rgb(125, 80, 81)  
}
```

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(125, 80, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 80, 81) }
```

Border

The CSS property to change the border of an element to Yxy 10.6914, 0.3921, 0.3272 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(125, 80, 81) }
```

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

```
.border{ border-color:rgb(125, 80, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 80, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 80, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 80, 81);  
box-shadow:4px 4px 4px 4px rgb(125, 80,  
81) }
```


Background

The CSS property to change the background color of an element to Yxy 10.6914, 0.3921, 0.3272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 80, 81) }
```

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

```
.background{ background-color: rgb(125, 80,  
81) }
```

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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