

Converting Colors

$Y_{xy}(10.2161, 0.3972, 0.3390)$

Have a look what the booklet for
Yxy(10.2161, 0.3972, 0.3390)
contains.

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Color

Yxy(10.1649, 0.3970, 0.3377)

Conversions

Conversions Part 1

Format	Color
Hex	794F4B
RGB	121, 79, 75
RGB Percent	47%, 31%, 29%
CMY	0.5255, 0.6902, 0.7059
CMYK	0.00, 0.35, 0.38, 0.53
HSL	5°, 23%, 38%
HSV	5°, 38%, 47%
XYZ	11.9499, 10.1649, 7.9856
YIQ	91.1020, 26.3160, 7.6600

Conversions

Conversions Part 2

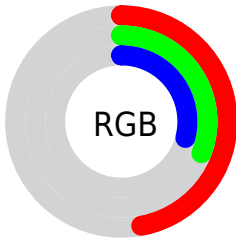
Format	Color
R_{YB}	121, 79, 75
Decimal	7950155
CIE Lab	38.14, 17.13, 9.62
CIE LCh	38, 19.652, 29.317
Yxy	10.1649, 0.3970, 0.3377
Android (android.graphics.Color)	4286140235 (0xFF794F4B)
YUV	91.1020, -7.9383, 26.2205
Hunter-Lab	31.8824, 11.1093, 7.4673

Details

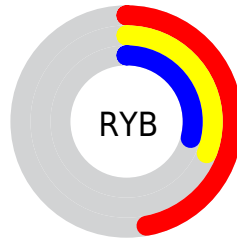
The Yxy color **10.1649, 0.3970, 0.3377** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **15.5902, 0.2608, 0.3200**, and the grayscale version is **10.5002, 0.3127, 0.3290**.

A 20% lighter version of the original color is **26.2697, 0.3738, 0.3366**, and **2.5451, 0.4459, 0.3393** is the 20% darker color. If you saturate the color by 10%, you get **8.5524, 0.4310, 0.3399**, and if you desaturate by 10%, it is **12.0745, 0.3685, 0.3353**.

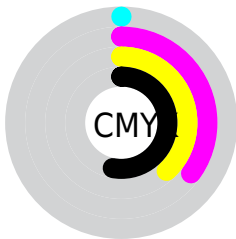
Distribution



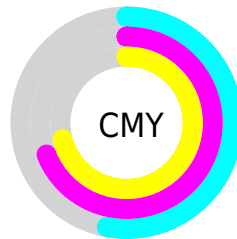
- Red (47%)
- Green (31%)
- Blue (29%)



- Red (47%)
- Yellow (31%)
- Blue (29%)



- Cyan (0%)
- Magenta (35%)
- Yellow (38%)
- Black (53%)





- Cyan (53%)
- Magenta (69%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.1649, 0.3970, 0.3377 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 10.1649, 0.3970, 0.3377 by changing the saturation by 10% instead.


 10.1649, 0.3970,
0.3377


 10.1649, 0.3970,
0.3377


191.8450, 0.3439,
0.3335

 5.5084, 0.4163,
0.3382

 26.1052, 0.3740,
0.3364


 2.5486, 0.4468,
0.3378

 38.1578, 0.3666,
0.3358


 0.9009, 0.5281,
0.3517

 53.4446, 0.3608,
0.3353

 0.0000, 1.0000,
0.0000

 72.3500, 0.3561,
0.3348

 0.0000, 0.0000,
0.0000

 95.2583, 0.3523,
0.3344

122.5540, 0.3490,

0.3341

154.6214, 0.3463,
0.3338

■ 10.1649, 0.3970,
0.3377

■ 10.1649, 0.3970,
0.3377

■ 8.5524, 0.4310,
0.3399

■ 12.0745, 0.3685,
0.3353

■ 7.2206, 0.4702,
0.3417

■ 14.2935, 0.3449,
0.3330

■ 6.1540, 0.5131,
0.3425


■ 16.8354, 0.3256,
0.3307


■ 5.3347, 0.5563,
0.3421


■ 19.7124, 0.3098,
0.3286

■ 4.7427, 0.5945,
0.3401

■ 22.9359, 0.2969,
0.3267

 4.3515, 0.6243,
0.3380

 26.5171, 0.2863,
0.3249

 4.2944, 0.6298,
0.3381

 30.4665, 0.2774,
0.3234

 34.7941, 0.2701,
0.3219

 39.5096, 0.2639,
0.3206

Harmonies

Analogous

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



10.1649, 0.3661, 0.3023



10.1649, 0.3970, 0.3377



10.1649, 0.4029, 0.3736

Triad

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



10.1649, 0.3970, 0.3377



10.1649, 0.2995, 0.3948



10.1649, 0.2443, 0.2578

Complementary

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



10.1649, 0.3970, 0.3377



15.5902, 0.2608, 0.3200

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.



10.1649, 0.2297, 0.2757



10.1649, 0.3970, 0.3377



10.1649, 0.2597, 0.3558

Square

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



10.1649, 0.3970, 0.3377



10.1649, 0.3447, 0.4115



10.1649, 0.2350, 0.3108



10.1649, 0.2767, 0.2578

Rectangle

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



10.1649, 0.3970, 0.3377



10.1649, 0.3922, 0.3939



10.1649, 0.2350, 0.3108



10.1649, 0.2373, 0.2617

Sweetspot

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



10.1654, 0.3970, 0.3377



28.6084, 0.3315, 0.3314



10.3823, 0.3230, 0.2462



6.4308, 0.3334, 0.3316



62.0916, 0.3127, 0.3290



7.8288, 0.3127, 0.3290

Same Dimension

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



10.1654, 0.3970, 0.3377



15.5500, 0.4278, 0.3397



14.0399, 0.3799, 0.3840



4.0663, 0.3275, 0.3309



4.5940, 0.6302, 0.3378



21.3568, 0.6350, 0.3340

Inverse Universe

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



15.5902, 0.2608, 0.3200



26.7920, 0.2506, 0.3175



10.9082, 0.2533, 0.2666



4.4553, 0.2994, 0.3271



13.5178, 0.2173, 0.3023



63.8515, 0.2169, 0.3008

Previews

White Background



This preview shows how the Yxy color 10.1649, 0.3970, 0.3377 looks on a white background.

Color Contrast Check

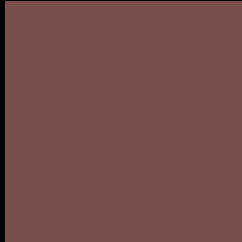
Large Text (above 18pt) WCAG AA ✓ Pass

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 10.1649, 0.3970, 0.3377 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

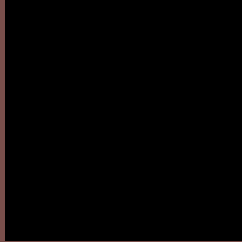
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.1649, 0.3970, 0.3377

Background



This preview shows how black text looks on a background with the Yxy color 10.1649, 0.3970, 0.3377.

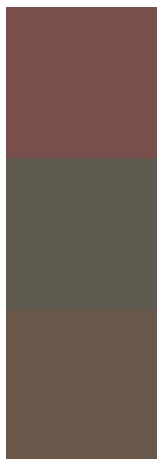


This preview shows how white text looks on a background with the Yxy color 10.1649, 0.3970, 0.3377.

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

10.1649, 0.3970, 0.3377

Protanopia

10.2712, 0.3346, 0.3536

Deuteranopia

10.3141, 0.3648, 0.3594



Tritanopia

10.2264, 0.3825, 0.3167

Trichromacy



Original Color

10.1649, 0.3970, 0.3377

Protanomaly

10.1487, 0.3568, 0.3478

Deuteranomaly

10.2146, 0.3774, 0.3516

Tritanomaly

10.1804, 0.3882, 0.3230

Monochromacy



Original Color

10.1649, 0.3970, 0.3377

Achromatopsia

10.4616, 0.3127, 0.3290

Achromatomaly

10.2970, 0.3412, 0.3338

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.1649, 0.3970, 0.3377 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(121, 79, 75)` looks like.

```
.text, #text, p{  
    color:rgb(121, 79, 75)  
}
```

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(121, 79, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 79, 75) }
```

Border

The CSS property to change the border of an element to Yxy 10.1649, 0.3970, 0.3377 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(121, 79, 75) }
```

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

```
.border{ border-color:rgb(121, 79, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 79, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 79, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 79, 75);  
box-shadow:4px 4px 4px 4px rgb(121, 79,  
75) }
```


Background

The CSS property to change the background color of an element to Yxy 10.1649, 0.3970, 0.3377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 79, 75) }
```

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

```
.background{ background-color: rgb(121, 79,  
75) }
```

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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