

Converting Colors

$Y_{xy}(10.8773, 0.3983, 0.3514)$

Have a look what the booklet for
Yxy(10.8773, 0.3983, 0.3514)
contains.

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Color

Yxy(10.9593, 0.3984, 0.3521)

Conversions

Conversions Part 1

Format	Color
Hex	7A5449
RGB	122, 84, 73
RGB Percent	48%, 33%, 29%
CMY	0.5215, 0.6706, 0.7137
CMYK	0.00, 0.31, 0.40, 0.52
HSL	13°, 25%, 38%
HSV	13°, 40%, 48%
XYZ	12.4004, 10.9593, 7.7658
YIQ	94.1080, 26.1790, 4.6350

Conversions

Conversions Part 2

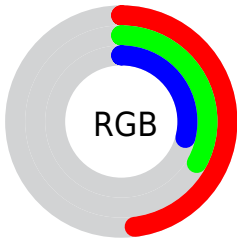
Format	Color
R_{YB}	122, 87, 73
Decimal	8016969
CIE _{Lab}	39.51, 14.32, 12.77
CIE _{LCh}	40, 19.184, 41.728
Yxy	10.9593, 0.3984, 0.3521
Android (android.graphics.Color)	4286207049 (0xFF7A5449)
YUV	94.1080, -10.4062, 24.4613
Hunter-Lab	33.1048, 8.9291, 9.2650

Details

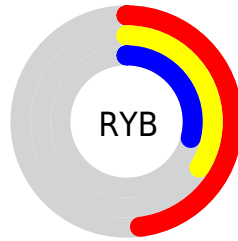
The Yxy color **10.9593, 0.3984, 0.3521** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **14.1954, 0.2560, 0.3042**, and the grayscale version is **11.2412, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.6854, 0.3752, 0.3469**, and **2.8793, 0.4457, 0.3619** is the 20% darker color. If you saturate the color by 10%, you get **9.4423, 0.4298, 0.3576**, and if you desaturate by 10%, it is **12.7077, 0.3713, 0.3462**.

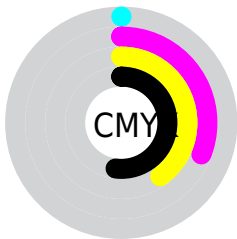
Distribution



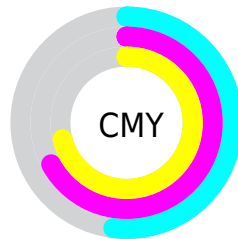
- Red (48%)
- Green (33%)
- Blue (29%)



- Red (48%)
- Yellow (34%)
- Blue (29%)



- Cyan (0%)
- Magenta (31%)
- Yellow (40%)
- Black (52%)





- Cyan (52%)
- Magenta (67%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.9593, 0.3984, 0.3521 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 10.9593, 0.3984, 0.3521 by changing the saturation by 10% instead.


 10.9593, 0.3984,
0.3521


 10.9593, 0.3984,
0.3521


197.3881, 0.3450,
0.3392


 6.0395, 0.4174,
0.3555

 27.5849, 0.3755,
0.3472


 2.8691, 0.4466,
0.3594

 40.0594, 0.3680,
0.3454


 1.0638, 0.5256,
0.3830

 55.8210, 0.3622,
0.3439

 0.0000, 1.0000,
0.0000

 75.2540, 0.3574,
0.3427

 0.0000, 0.0000,
0.0000

 98.7428, 0.3535,
0.3416

126.6718, 0.3502,

0.3407

159.4255, 0.3474,
0.3399

■ 10.9593, 0.3984,
0.3521

■ 10.9593, 0.3984,
0.3521

■ 9.4423, 0.4298,
0.3576

■ 12.7077, 0.3713,
0.3462

■ 8.1453, 0.4653,
0.3621

■ 14.6950, 0.3484,
0.3402

■ 7.0584, 0.5036,
0.3647


■ 16.9306, 0.3291,
0.3345


■ 6.1702, 0.5421,
0.3645


■ 19.4225, 0.3130,
0.3291

■ 5.4680, 0.5770,
0.3608


■ 22.1787, 0.2994,
0.3241

 4.9393, 0.6074,
0.3559

 25.2066, 0.2881,
0.3196

 28.5136, 0.2785,
0.3154

 32.1064, 0.2704,
0.3116

 35.9919, 0.2635,
0.3082

Harmonies

Analogous

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



10.9593, 0.3781, 0.3171



10.9593, 0.3984, 0.3521



10.9593, 0.3935, 0.3843

Triad

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



10.9593, 0.3984, 0.3521



10.9593, 0.2833, 0.3780



10.9593, 0.2584, 0.2590

Complementary

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



10.9593, 0.3984, 0.3521



14.1954, 0.2560, 0.3042

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.



10.9593, 0.2369, 0.2690



10.9593, 0.3984, 0.3521



10.9593, 0.2503, 0.3366

Square

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



10.9593, 0.3984, 0.3521



10.9593, 0.3256, 0.4039



10.9593, 0.2340, 0.2963



10.9593, 0.2951, 0.2656

Rectangle

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



10.9593, 0.3984, 0.3521



10.9593, 0.3774, 0.3999



10.9593, 0.2340, 0.2963



10.9593, 0.2493, 0.2604

Sweetspot

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



10.9598, 0.3984, 0.3521



28.9073, 0.3329, 0.3357



10.0606, 0.3346, 0.2531



6.5203, 0.3347, 0.3362



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.



10.9598, 0.3984, 0.3521



16.8597, 0.4265, 0.3571



15.3715, 0.3796, 0.3995



4.1475, 0.3272, 0.3339



5.1880, 0.6078, 0.3556



23.6689, 0.6159, 0.3492

Inverse Universe

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



14.1954, 0.2560, 0.3042



23.3483, 0.2449, 0.2976



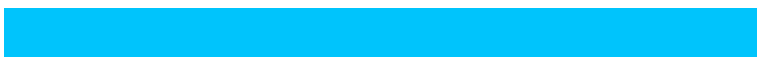
9.6208, 0.2474, 0.2464



4.3672, 0.2994, 0.3241



10.0147, 0.2049, 0.2576



46.4578, 0.2038, 0.2535

Previews

White Background



This preview shows how the Yxy color 10.9593, 0.3984, 0.3521 looks on a white background.

Color Contrast Check

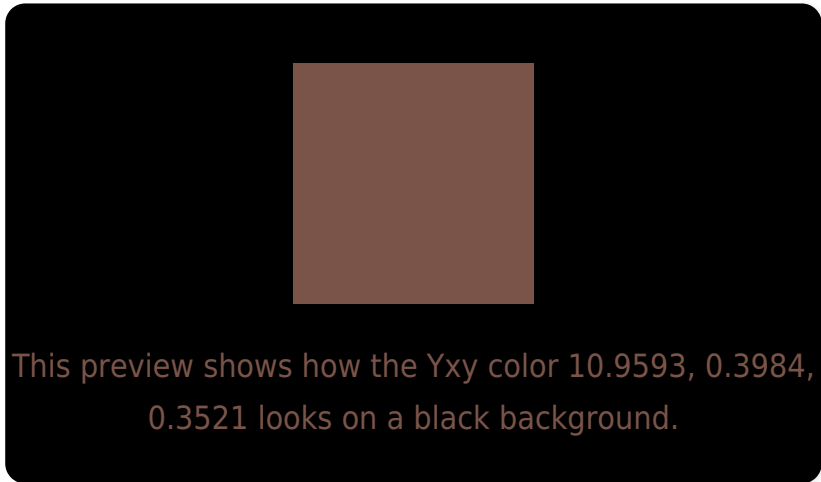
Large Text (above 18pt) WCAG AA ✓ Pass

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

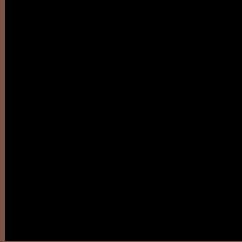
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.9593, 0.3984, 0.3521

Background



This preview shows how black text looks on a background with the Yxy color 10.9593, 0.3984, 0.3521.

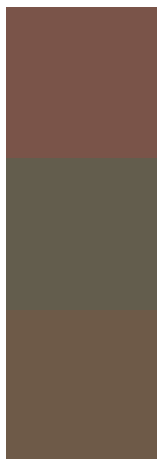


This preview shows how white text looks on a background with the Yxy color 10.9593, 0.3984, 0.3521.

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

10.9593, 0.3984, 0.3521

Protanopia

11.0172, 0.3465, 0.3670

Deuteranopia

11.0952, 0.3748, 0.3695



Tritanopia

10.9501, 0.3746, 0.3168

Trichromacy



Original Color

10.9593, 0.3984, 0.3521

Protanomaly

10.9599, 0.3632, 0.3610

Deuteranomaly

11.0247, 0.3832, 0.3642

Tritanomaly

11.0220, 0.3830, 0.3292

Monochromacy



Original Color

10.9593, 0.3984, 0.3521

Achromatopsia

11.1932, 0.3127, 0.3290

Achromatomaly

10.9273, 0.3419, 0.3383

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.9593, 0.3984, 0.3521 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(122, 84, 73)` looks like.

```
.text, #text, p{  
  color:rgb(122, 84, 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(122, 84, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 84, 73) }
```

Border

The CSS property to change the border of an element to Yxy 10.9593, 0.3984, 0.3521 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(122, 84, 73) }
```

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

```
.border{ border-color:rgb(122, 84, 73) }
```

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

Here you see how a box with a 4 pixel rgb(122, 84, 73) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 84, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 84, 73);  
box-shadow:4px 4px 4px 4px rgb(122, 84,  
73) }
```


Background

The CSS property to change the background color of an element to Yxy 10.9593, 0.3984, 0.3521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 84, 73) }
```

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

```
.background{ background-color: rgb(122, 84,  
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](#).

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