

Converting Colors

$Yxy(19.8894, 0.3691, 0.3707)$

Have a look what the booklet for
Yxy(19.8894, 0.3691, 0.3707)
contains.

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Color

Yxy(19.9402, 0.3695, 0.3719)

Conversions

Conversions Part 1

Format	Color
Hex	8D7860
RGB	141, 120, 96
RGB Percent	55%, 47%, 38%
CMY	0.4471, 0.5294, 0.6236
CMYK	0.00, 0.15, 0.32, 0.45
HSL	32°, 19%, 46%
HSV	32°, 32%, 55%
XYZ	19.8115, 19.9402, 13.8654
YIQ	123.5430, 20.2200, -3.0120

Conversions

Conversions Part 2

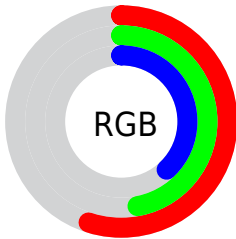
Format	Color
R _Y B	135, 141, 96
Decimal	9271392
CIE Lab	51.77, 4.35, 16.22
CIE LCh	52, 16.796, 74.997
Yxy	19.9402, 0.3695, 0.3719
Android (android.graphics.Color)	4287461472 (0xFF8D7860)
YUV	123.5430, -13.5787, 15.3098
Hunter-Lab	44.6545, 1.0485, 12.8483

Details

The Yxy color **19.9402, 0.3695, 0.3719** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **17.1250, 0.2631, 0.2818**, and the grayscale version is **20.0370, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.2137, 0.3560, 0.3618**, and **7.0387, 0.3917, 0.3878** is the 20% darker color. If you saturate the color by 10%, you get **18.1766, 0.3916, 0.3857**, and if you desaturate by 10%, it is **21.8609, 0.3494, 0.3580**.

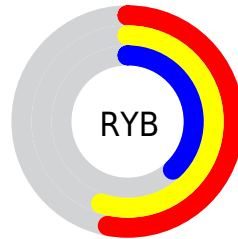
Distribution



Red (55%)

Green (47%)

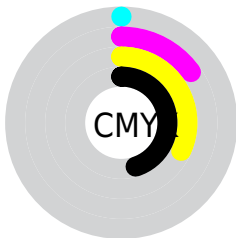
Blue (38%)



Red (53%)

Yellow (55%)

Blue (38%)

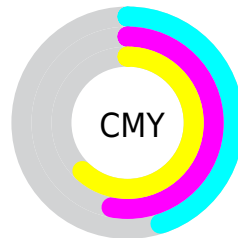


Cyan (0%)

Magenta (15%)

Yellow (32%)

Black (45%)



Cyan (45%)


Magenta (53%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.9402, 0.3695, 0.3719 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 19.9402, 0.3695, 0.3719 by changing the saturation by 10% instead.


 19.9402, 0.3695,
0.3719

 19.9402, 0.3695,
0.3719


251.5912, 0.3371,
0.3479


 12.3516, 0.3792,
0.3788


 43.3169, 0.3566,
0.3625


 6.9836, 0.3929,
0.3882


 59.8738, 0.3521,
0.3592

 3.4518, 0.4132,
0.4017

 80.1889, 0.3484,
0.3565

 1.3719, 0.4670,
0.4415

 104.6465, 0.3454,
0.3542

 0.1959, 0.5988,
0.4012

133.6312, 0.3428,
0.3523

 0.0000, 0.0000,
0.0000

167.5273, 0.3406,

0.3506

206.7192, 0.3387,
0.3492

■ 19.9402, 0.3695,
0.3719

■ 19.9402, 0.3695,
0.3719

■ 18.1766, 0.3916,
0.3857

■ 21.8609, 0.3494,
0.3580

■ 16.5626, 0.4155,
0.3986

■ 23.9403, 0.3315,
0.3444

■ 15.0942, 0.4406,
0.4098

■ 26.1835, 0.3156,
0.3314

■ 13.7660, 0.4659,
0.4181

■ 28.5945, 0.3016,
0.3192

■ 12.5724, 0.4900,
0.4224

■ 31.1773, 0.2892,
0.3079

■ 11.5066, 0.5117,
0.4218

■ 33.9354, 0.2784,
0.2975

■ 10.7287, 0.5279,
0.4190

■ 36.8725, 0.2690,
0.2879

■ 39.9920, 0.2606,
0.2792

■ 43.2974, 0.2533,
0.2711

Harmonies

Analogous

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



19.9402, 0.3745, 0.3496



19.9402, 0.3695, 0.3719



19.9402, 0.3490, 0.3840

Triad

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



19.9402, 0.3695, 0.3719



19.9402, 0.2655, 0.3316



19.9402, 0.3037, 0.2835

Complementary

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



19.9402, 0.3695, 0.3719



17.1250, 0.2631, 0.2818

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.



19.9402, 0.2758, 0.2776



19.9402, 0.3695, 0.3719



19.9402, 0.2547, 0.3035

Square

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



19.9402, 0.3695, 0.3719



19.9402, 0.2888, 0.3607



19.9402, 0.2584, 0.2843



19.9402, 0.3354, 0.3001

Rectangle

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



19.9402, 0.3695, 0.3719



19.9402, 0.3297, 0.3836



19.9402, 0.2584, 0.2843



19.9402, 0.2936, 0.2803

Sweetspot

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



19.9411, 0.3695, 0.3719



43.5412, 0.3286, 0.3421



15.3086, 0.3500, 0.2916



9.6178, 0.3306, 0.3437



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.



19.9411, 0.3695, 0.3719



33.5063, 0.3845, 0.3815



25.4262, 0.3574, 0.4063



5.8707, 0.3269, 0.3408



9.8144, 0.5274, 0.4194



0.1380, 0.4711, 0.4641

Inverse Universe

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



17.1250, 0.2631, 0.2818



27.6811, 0.2519, 0.2697



12.8526, 0.2598, 0.2390



5.6436, 0.2990, 0.3170



5.3112, 0.1753, 0.1511



0.0942, 0.1974, 0.2306

Previews

White Background



This preview shows how the Yxy color 19.9402, 0.3695, 0.3719 looks on a white 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

Black Background



This preview shows how the Yxy color 19.9402, 0.3695, 0.3719 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

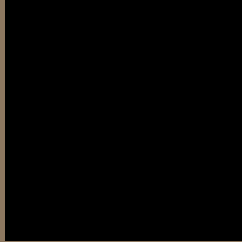
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.9402, 0.3695, 0.3719

Background



This preview shows how black text looks on a background with the Yxy color 19.9402, 0.3695, 0.3719.



This preview shows how white text looks on a background with the Yxy color 19.9402, 0.3695, 0.3719.

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

19.9402, 0.3695, 0.3719

Protanopia

19.8731, 0.3523, 0.3755

Deuteranopia

20.0579, 0.3754, 0.3693



Tritanopia

19.9007, 0.3380, 0.3136

Trichromacy



Original Color

19.9402, 0.3695, 0.3719

Protanomaly

19.9330, 0.3592, 0.3747

Deuteranomaly

19.9675, 0.3740, 0.3695

Tritanomaly

19.7771, 0.3504, 0.3344

Monochromacy



Original Color

19.9402, 0.3695, 0.3719

Achromatopsia

20.1556, 0.3127, 0.3290

Achromatomaly

20.1266, 0.3318, 0.3456

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.9402, 0.3695, 0.3719 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(141, 120, 96)` looks like.

```
.text, #text, p{  
    color:rgb(141, 120, 96)  
}
```

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(141, 120, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 120, 96) }
```

Border

The CSS property to change the border of an element to Yxy 19.9402, 0.3695, 0.3719 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(141, 120, 96) }
```

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

```
.border{ border-color:rgb(141, 120, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 120, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 120, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 120, 96);  
box-shadow:4px 4px 4px 4px rgb(141, 120,  
96) }
```


Background

The CSS property to change the background color of an element to Yxy 19.9402, 0.3695, 0.3719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 120, 96) }
```

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

```
.background{ background-color: rgb(141,  
120, 96) }
```

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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