

Converting Colors

$Y_{xy}(19.9888, 0.3514, 0.3379)$

Have a look what the booklet for
Yxy(19.9888, 0.3514, 0.3379)
contains.

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Color

Yxy(19.9888, 0.3514, 0.3379)

Conversions

Conversions Part 1

Format	Color
Hex	8F7671
RGB	143, 118, 113
RGB Percent	56%, 46%, 44%
CMY	0.4392, 0.5373, 0.5569
CMYK	0.00, 0.17, 0.21, 0.44
HSL	10°, 12%, 50%
HSV	10°, 21%, 56%
XYZ	20.7874, 19.9888, 18.3798
YIQ	124.9050, 16.5050, 3.7450

Conversions

Conversions Part 2

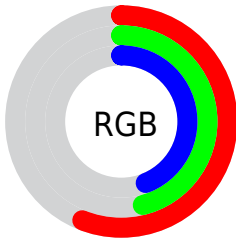
Format	Color
R _Y B	143, 119, 113
Decimal	9401969
CIE Lab	51.82, 8.90, 6.41
CIE LCh	52, 10.966, 35.745
Yxy	19.9888, 0.3514, 0.3379
Android (android.graphics.Color)	4287592049 (0xFF8F7671)
YUV	124.9050, -5.8692, 15.8693
Hunter-Lab	44.7088, 4.7532, 6.9221

Details

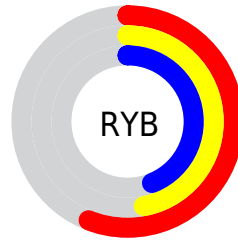
The Yxy color **19.9888, 0.3514, 0.3379** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **23.6678, 0.2819, 0.3199**, and the grayscale version is **20.4910, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.3364, 0.3421, 0.3355**, and **7.0373, 0.3677, 0.3423** is the 20% darker color. If you saturate the color by 10%, you get **17.0622, 0.3759, 0.3425**, and if you desaturate by 10%, it is **23.3223, 0.3310, 0.3335**.

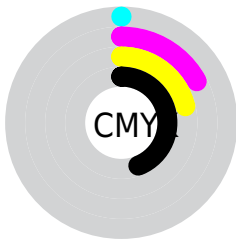
Distribution



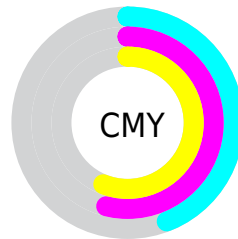
- Red (56%)
- Green (46%)
- Blue (44%)



- Red (56%)
- Yellow (47%)
- Blue (44%)



- Cyan (0%)
- Magenta (17%)
- Yellow (21%)
- Black (44%)




- Cyan (44%)
- Magenta (54%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.9888, 0.3514, 0.3379 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 19.9888, 0.3514, 0.3379 by changing the saturation by 10% instead.


 19.9888, 0.3514,
0.3379


 19.9888, 0.3514,
0.3379


251.8545, 0.3292,
0.3331


 12.3869, 0.3582,
0.3392


 43.3984, 0.3425,
0.3361


 7.0078, 0.3678,
0.3409


 59.9749, 0.3394,
0.3354

 3.4669, 0.3827,
0.3433

 80.3117, 0.3369,
0.3349

 1.3801, 0.4082,
0.3464

 104.7933, 0.3349,
0.3344

 0.2020, 0.6696,
0.3304

133.8039, 0.3331,
0.3340

 0.0000, 0.0000,
0.0000

167.7281, 0.3316,

0.3337

206.9501, 0.3303,
0.3334

■ 19.9888, 0.3514,
0.3379

■ 19.9888, 0.3514,
0.3379

■ 17.0622, 0.3759,
0.3425

■ 23.3223, 0.3310,
0.3335

■ 14.5242, 0.4052,
0.3469

■ 27.0746, 0.3142,
0.3294

■ 12.3591, 0.4395,
0.3510


■ 31.2605, 0.3003,
0.3256

■ 10.5493, 0.4782,
0.3540


■ 35.8934, 0.2888,
0.3221

■ 9.0755, 0.5197,
0.3553


■ 40.9860, 0.2791,
0.3190

 7.9168, 0.5603,
0.3541


 46.5504, 0.2711,
0.3161

 7.0496, 0.5952,
0.3499

 52.5986, 0.2642,
0.3136

 6.4900, 0.6205,
0.3455

 59.1417, 0.2584,
0.3112

 66.1908, 0.2535,
0.3091

Harmonies

Analogous

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



19.9888, 0.3401, 0.3206



19.9888, 0.3514, 0.3379



19.9888, 0.3519, 0.3536

Triad

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



19.9888, 0.3514, 0.3379



19.9888, 0.3032, 0.3541



19.9888, 0.2840, 0.2955

Complementary

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



19.9888, 0.3514, 0.3379



23.6678, 0.2819, 0.3199

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.



19.9888, 0.2749, 0.3030



19.9888, 0.3514, 0.3379



19.9888, 0.2857, 0.3370

Square

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



19.9888, 0.3514, 0.3379



19.9888, 0.3236, 0.3639



19.9888, 0.2755, 0.3181



19.9888, 0.3009, 0.2966

Rectangle

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



19.9888, 0.3514, 0.3379



19.9888, 0.3461, 0.3611



19.9888, 0.2755, 0.3181



19.9888, 0.2800, 0.2971

Sweetspot

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



19.9897, 0.3514, 0.3379



44.9365, 0.3225, 0.3315



19.4821, 0.3211, 0.2867



10.2183, 0.3234, 0.3317



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



19.9897, 0.3514, 0.3379



33.3292, 0.3620, 0.3400



23.8081, 0.3464, 0.3634



5.5608, 0.3277, 0.3327



5.7600, 0.6198, 0.3461



0.0771, 0.5598, 0.3937

Inverse Universe

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



23.6678, 0.2819, 0.3199



41.0822, 0.2755, 0.3177



19.6569, 0.2801, 0.2921



5.9650, 0.2990, 0.3252



13.4658, 0.2101, 0.2763



0.1551, 0.2178, 0.3041

Previews

White Background



This preview shows how the Yxy color 19.9888, 0.3514, 0.3379 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 19.9888, 0.3514, 0.3379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

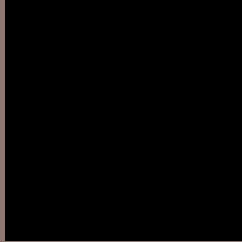
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.9888, 0.3514, 0.3379

Background



This preview shows how black text looks on a background with the Yxy color 19.9888, 0.3514, 0.3379.



This preview shows how white text looks on a background with the Yxy color 19.9888, 0.3514, 0.3379.

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

19.9888, 0.3514, 0.3379

Protanopia

20.0161, 0.3270, 0.3420

Deuteranopia

19.9614, 0.3471, 0.3397



Tritanopia

19.9007, 0.3380, 0.3136

Trichromacy



Original Color

19.9888, 0.3514, 0.3379

Protanomaly

19.8991, 0.3349, 0.3400

Deuteranomaly

20.0486, 0.3484, 0.3397

Tritanomaly

20.0323, 0.3428, 0.3222

Monochromacy



Original Color

19.9888, 0.3514, 0.3379

Achromatopsia

20.5079, 0.3127, 0.3290

Achromatomaly

20.2051, 0.3263, 0.3308

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.9888, 0.3514, 0.3379 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(143, 118, 113)` looks like.

```
.text, #text, p{  
    color:rgb(143, 118, 113)  
}
```

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(143, 118, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 118, 113) }
```

Border

The CSS property to change the border of an element to Yxy 19.9888, 0.3514, 0.3379 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(143, 118, 113) }
```

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

```
.border{ border-color:rgb(143, 118, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 118, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 118, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 118, 113);  
box-shadow:4px 4px 4px 4px rgb(143, 118,  
113) }
```


Background

The CSS property to change the background color of an element to Yxy 19.9888, 0.3514, 0.3379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 118, 113) }
```

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

```
.background{ background-color: rgb(143,  
118, 113) }
```

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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