

Converting Colors

$Y_{xy}(23.9878, 0.3628, 0.3471)$

Have a look what the booklet for
Yxy(23.9878, 0.3628, 0.3471)
contains.

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Color

Yxy(23.9918, 0.3619, 0.3469)

Conversions

Conversions Part 1

Format	Color
Hex	9E8075
RGB	158, 128, 117
RGB Percent	62%, 50%, 46%
CMY	0.3804, 0.4980, 0.5412
CMYK	0.00, 0.19, 0.26, 0.38
HSL	16°, 17%, 54%
HSV	16°, 26%, 62%
XYZ	25.0292, 23.9918, 20.1396
YIQ	135.7160, 21.4110, 2.9390

Conversions

Conversions Part 2

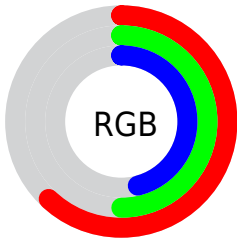
Format	Color
R _Y B	158, 132, 117
Decimal	10387573
CIE Lab	56.08, 9.80, 10.32
CIE LCh	56, 14.230, 46.497
Yxy	23.9918, 0.3619, 0.3469
Android (android.graphics.Color)	4288577653 (0xFF9E8075)
YUV	135.7160, -9.2270, 19.5431
Hunter-Lab	48.9814, 5.4949, 9.9089

Details

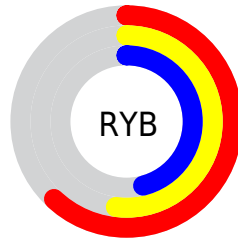
The Yxy color $23.9918, 0.3619, 0.3469$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $27.1112, 0.2740, 0.3103$, and the grayscale version is $24.5382, 0.3127, 0.3290$.

A 20% lighter version of the original color is $50.0585, 0.3509, 0.3436$, and $9.0858, 0.3809, 0.3526$ is the 20% darker color. If you saturate the color by 10%, you get $20.8071, 0.3874, 0.3542$, and if you desaturate by 10%, it is $27.5848, 0.3403, 0.3397$.

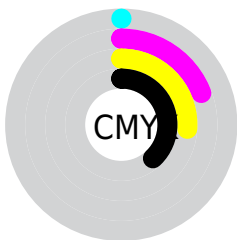
Distribution



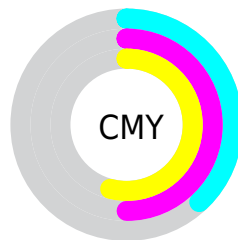
- Red (62%)
- Green (50%)
- Blue (46%)



- Red (62%)
- Yellow (52%)
- Blue (46%)



- Cyan (0%)
- Magenta (19%)
- Yellow (26%)
- Black (38%)





- Cyan (38%)
- Magenta (50%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.9918, 0.3619, 0.3469 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 23.9918, 0.3619, 0.3469 by changing the saturation by 10% instead.


 23.9918, 0.3619,
0.3469


 23.9918, 0.3619,
0.3469


272.7790, 0.3344,
0.3374


 15.3275, 0.3699,
0.3494


 50.0168, 0.3511,
0.3433

 9.0496, 0.3811,
0.3527


 68.1464, 0.3473,
0.3420

 4.7735, 0.3975,
0.3571

 90.1998, 0.3442,
0.3410

 2.1150, 0.4239,
0.3632

116.5615, 0.3416,
0.3400

 0.6730, 0.5624,
0.4304

147.6159, 0.3394,
0.3392

 0.0000, 0.0000,
0.0000

183.7473, 0.3375,

0.3386

225.3403, 0.3358,
0.3380

■ 23.9918, 0.3619,
0.3469

■ 23.9918, 0.3619,
0.3469

■ 20.8071, 0.3874,
0.3542

■ 27.5848, 0.3403,
0.3397

■ 18.0127, 0.4170,
0.3612

■ 31.5967, 0.3221,
0.3329

■ 15.5942, 0.4507,
0.3673

■ 36.0416, 0.3068,
0.3265

■ 13.5351, 0.4874,
0.3715

■ 40.9322, 0.2940,
0.3206

■ 11.8175, 0.5252,
0.3727

■ 46.2806, 0.2832,
0.3152

■ 10.4217, 0.5608,
0.3700

■ 52.0984, 0.2740,
0.3103

■ 9.3250, 0.5905,
0.3633

■ 58.3967, 0.2662,
0.3059

■ 8.9555, 0.6016,
0.3605

■ 65.1864, 0.2595,
0.3018

■ 72.2051, 0.2558,
0.3027

Harmonies

Analogous

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



23.9918, 0.3525, 0.3260



23.9918, 0.3619, 0.3469



23.9918, 0.3574, 0.3642

Triad

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



23.9918, 0.3619, 0.3469



23.9918, 0.2927, 0.3530



23.9918, 0.2842, 0.2877

Complementary

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



23.9918, 0.3619, 0.3469



27.1112, 0.2740, 0.3103

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.



23.9918, 0.2695, 0.2928



23.9918, 0.3619, 0.3469



23.9918, 0.2742, 0.3301

Square

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



23.9918, 0.3619, 0.3469



23.9918, 0.3169, 0.3690



23.9918, 0.2659, 0.3080



23.9918, 0.3069, 0.2928

Rectangle

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



23.9918, 0.3619, 0.3469



23.9918, 0.3474, 0.3712



23.9918, 0.2659, 0.3080



23.9918, 0.2782, 0.2882

Sweetspot

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



23.9929, 0.3619, 0.3469



55.7102, 0.3259, 0.3343



22.0983, 0.3283, 0.2820



12.3175, 0.3284, 0.3353



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



23.9929, 0.3619, 0.3469



40.2135, 0.3758, 0.3510



29.8664, 0.3542, 0.3783



6.9216, 0.3278, 0.3351



7.2310, 0.6001, 0.3617



0.1933, 0.5311, 0.4165

Inverse Universe

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



27.1112, 0.2740, 0.3103



46.8261, 0.2659, 0.3057



21.3156, 0.2708, 0.2743



7.2078, 0.2988, 0.3229



11.9671, 0.2004, 0.2413



0.2791, 0.2112, 0.2804

Previews

White Background



This preview shows how the Yxy color 23.9918, 0.3619, 0.3469 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 23.9918, 0.3619, 0.3469 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 23.9918, 0.3619, 0.3469

Background



This preview shows how black text looks on a background with the Yxy color 23.9918, 0.3619, 0.3469.



This preview shows how white text looks on a background with the Yxy color 23.9918, 0.3619, 0.3469.

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

23.9918, 0.3619, 0.3469

Protanopia

23.9817, 0.3347, 0.3531

Deuteranopia

24.1196, 0.3562, 0.3504



Tritanopia

23.8901, 0.3437, 0.3133

Trichromacy



Original Color

23.9918, 0.3619, 0.3469

Protanomaly

24.0375, 0.3447, 0.3509

Deuteranomaly

23.9534, 0.3578, 0.3487

Tritanomaly

23.8512, 0.3506, 0.3259

Monochromacy



Original Color

23.9918, 0.3619, 0.3469

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

24.2893, 0.3297, 0.3358

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.9918, 0.3619, 0.3469 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(158, 128, 117)` looks like.

```
.text, #text, p{  
    color:rgb(158, 128, 117)  
}
```

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(158, 128, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 128, 117) }
```

Border

The CSS property to change the border of an element to Yxy 23.9918, 0.3619, 0.3469 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(158, 128, 117) }
```

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

```
.border{ border-color:rgb(158, 128, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 128, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 128, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 128, 117);  
box-shadow:4px 4px 4px 4px rgb(158, 128,  
117) }
```


Background

The CSS property to change the background color of an element to Yxy 23.9918, 0.3619, 0.3469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 128, 117) }
```

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

```
.background{ background-color: rgb(158,  
128, 117) }
```

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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