

Converting Colors

$Yxy(31.8386, 0.3575, 0.3755)$

Have a look what the booklet for
Yxy(31.8386, 0.3575, 0.3755)
contains.

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Color

Yxy(31.9439, 0.3577, 0.3758)

Conversions

Conversions Part 1

Format	Color
Hex	A69879
RGB	166, 152, 121
RGB Percent	65%, 60%, 47%
CMY	0.3490, 0.4039, 0.5255
CMYK	0.00, 0.08, 0.27, 0.35
HSL	41°, 20%, 56%
HSV	41°, 27%, 65%
XYZ	30.4054, 31.9439, 22.6531
YIQ	152.6520, 18.2950, -6.6730

Conversions

Conversions Part 2

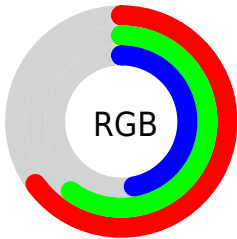
Format	Color
RYB	141, 166, 121
Decimal	10918009
CIELab	63.30, 0.16, 18.21
CIELCh	63, 18.209, 89.485
Yxy	31.9439, 0.3577, 0.3758
Android (android.graphics.Color)	4289108089 (0xFFA69879)
YUV	152.6520, -15.6044, 11.7062
Hunter-Lab	56.5189, -2.8809, 15.7995

Details

The Yxy color **31.9439, 0.3577, 0.3758** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **24.1462, 0.2691, 0.2773**, and the grayscale version is **31.7599, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.6893, 0.3495, 0.3668**, and **13.2860, 0.3721, 0.3914** is the 20% darker color. If you saturate the color by 10%, you get **29.9326, 0.3767, 0.3935**, and if you desaturate by 10%, it is **34.1011, 0.3399, 0.3580**.

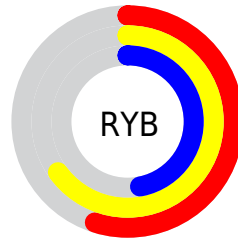
Distribution



Red (65%)

Green (60%)

Blue (47%)



Red (55%)

Yellow (65%)

Blue (47%)

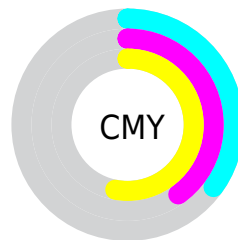


Cyan (0%)

Magenta (8%)

Yellow (27%)

Black (35%)



Cyan (35%)


Magenta (40%)

Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.9439, 0.3577, 0.3758 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 31.9439, 0.3577, 0.3758 by changing the saturation by 10% instead.


 31.9439, 0.3577,
0.3758


 31.9439, 0.3577,
0.3758


310.8636, 0.3339,
0.3510

 21.3187, 0.3641,
0.3824

 62.7231, 0.3487,
0.3665

 13.3571, 0.3725,
0.3911


 83.6459, 0.3455,
0.3631

 7.6749, 0.3840,
0.4031


 108.7700, 0.3427,
0.3602

 3.8877, 0.4007,
0.4203

138.4797, 0.3404,
0.3578

 1.6109, 0.4420,
0.4632

173.1596, 0.3384,
0.3558

 0.3649, 0.4902,
0.5098

213.1939, 0.3367,

 0.0000, 0.0000,

0.3540

0.0000

258.9671, 0.3352,
0.3524

■ 31.9439, 0.3577,
0.3758

■ 31.9439, 0.3577,
0.3758

■ 29.9326, 0.3767,
0.3935

■ 34.1011, 0.3399,
0.3580

■ 28.0585, 0.3966,
0.4106

■ 36.4042, 0.3235,
0.3408

■ 26.3180, 0.4167,
0.4260

■ 38.8586, 0.3086,
0.3243

■ 24.7060, 0.4363,
0.4387

■ 41.4681, 0.2951,
0.3089

■ 23.2166, 0.4544,
0.4478

■ 44.2363, 0.2831,
0.2946

■ 21.8432, 0.4701,
0.4523

■ 47.1668, 0.2723,
0.2813

■ 20.5762, 0.4830,
0.4521

■ 50.2628, 0.2627,
0.2692

■ 20.2245, 0.4866,
0.4518

■ 53.5277, 0.2542,
0.2581

■ 55.9323, 0.2544,
0.2631

Harmonies

Analogous

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



31.9439, 0.3697, 0.3591



31.9439, 0.3577, 0.3758



31.9439, 0.3337, 0.3802

Triad

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



31.9439, 0.3577, 0.3758



31.9439, 0.2624, 0.3183



31.9439, 0.3187, 0.2930

Complementary

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



31.9439, 0.3577, 0.3758



24.1462, 0.2691, 0.2773

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.



31.9439, 0.2901, 0.2825



31.9439, 0.3577, 0.3758



31.9439, 0.2587, 0.2955

Square

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



31.9439, 0.3577, 0.3758



31.9439, 0.2789, 0.3458



31.9439, 0.2686, 0.2830



31.9439, 0.3467, 0.3122

Rectangle

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



31.9439, 0.3577, 0.3758



31.9439, 0.3145, 0.3746



31.9439, 0.2686, 0.2830



31.9439, 0.3088, 0.2884

Sweetspot

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



31.9453, 0.3577, 0.3758



65.6219, 0.3251, 0.3425



23.5390, 0.3517, 0.3072



14.5449, 0.3274, 0.3450



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



31.9453, 0.3577, 0.3758



55.5719, 0.3700, 0.3874



35.8968, 0.3444, 0.3970



8.3742, 0.3269, 0.3445



15.7690, 0.4859, 0.4524



0.4685, 0.4593, 0.4735

Inverse Universe

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



24.1462, 0.2691, 0.2773



38.8470, 0.2577, 0.2626



21.1158, 0.2753, 0.2548



7.6671, 0.2986, 0.3130



4.0892, 0.1626, 0.1053



0.1897, 0.1815, 0.1732

Previews

White Background



This preview shows how the Yxy color 31.9439, 0.3577, 0.3758 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 31.9439, 0.3577, 0.3758 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

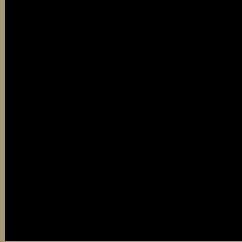
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

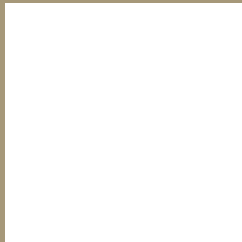
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 31.9439, 0.3577, 0.3758

Background



This preview shows how black text looks on a background with the Yxy color 31.9439, 0.3577, 0.3758.



This preview shows how white text looks on a background with the Yxy color 31.9439, 0.3577, 0.3758.

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

31.9439, 0.3577, 0.3758

Protanopia

31.9495, 0.3541, 0.3778

Deuteranopia

31.8563, 0.3730, 0.3652



Tritanopia

31.8821, 0.3259, 0.3131

Trichromacy



Original Color

31.9439, 0.3577, 0.3758

Protanomaly

32.0555, 0.3552, 0.3776

Deuteranomaly

31.8987, 0.3666, 0.3687

Tritanomaly

31.9742, 0.3375, 0.3350

Monochromacy



Original Color

31.9439, 0.3577, 0.3758

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

31.9747, 0.3292, 0.3474

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.9439, 0.3577, 0.3758 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(166, 152, 121)` looks like.

```
.text, #text, p{  
    color:rgb(166, 152, 121)  
}
```

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(166, 152, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 152, 121) }
```

Border

The CSS property to change the border of an element to Yxy 31.9439, 0.3577, 0.3758 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(166, 152, 121) }
```

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

```
.border{ border-color:rgb(166, 152, 121) }
```

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

Here you see how a box with a 4 pixel rgb(166, 152, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 152, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 152, 121);  
box-shadow:4px 4px 4px 4px rgb(166, 152,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 31.9439, 0.3577, 0.3758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 152, 121) }
```

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

```
.background{ background-color: rgb(166,  
152, 121) }
```

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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