

Converting Colors

$Y_{xy}(40.1350, 0.3151, 0.3207)$

Have a look what the booklet for
Yxy(40.1350, 0.3151, 0.3207)
contains.

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Color

Yxy(40.2914, 0.3149, 0.3209)

Conversions

Conversions Part 1

Format	Color
Hex	B0A8AE
RGB	176, 168, 174
RGB Percent	69%, 66%, 68%
CMY	0.3100, 0.3411, 0.3177
CMYK	0.00, 0.05, 0.01, 0.31
HSL	315°, 5%, 67%
HSV	315°, 5%, 69%
XYZ	39.5381, 40.2914, 45.7280
YIQ	171.0760, 2.8420, 3.5620

Conversions

Conversions Part 2

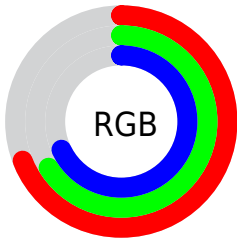
Format	Color
R _Y B	176, 168, 174
Decimal	11577518
CIE Lab	69.68, 3.95, -2.06
CIE LCh	70, 4.454, 332.506
Yxy	40.2914, 0.3149, 0.3209
Android (android.graphics.Color)	4289767598 (0xFFB0A8AE)
YUV	171.0760, 1.4415, 4.3183
Hunter-Lab	63.4755, 0.1032, 1.7201

Details

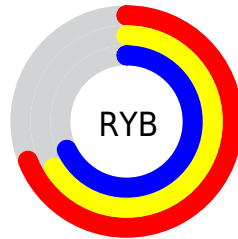
The Yxy color **40.2914, 0.3149, 0.3209** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.2624, 0.3106, 0.3372**, and the grayscale version is **40.7541, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.5883, 0.3151, 0.3227**, and **18.1810, 0.3158, 0.3177** is the 20% darker color. If you saturate the color by 10%, you get **34.0610, 0.3203, 0.3023**, and if you desaturate by 10%, it is **47.4100, 0.3103, 0.3386**.

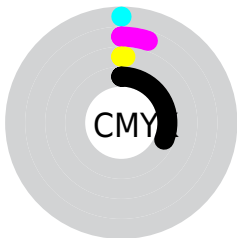
Distribution



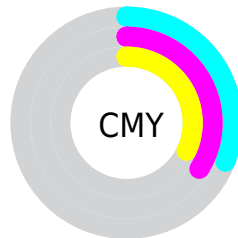
- Red (69%)
- Green (66%)
- Blue (68%)



- Red (69%)
- Yellow (66%)
- Blue (68%)



- Cyan (0%)
- Magenta (5%)
- Yellow (1%)
- Black (31%)





- Cyan (31%)
- Magenta (34%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.2914, 0.3149, 0.3209 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 40.2914, 0.3149, 0.3209 by changing the saturation by 10% instead.

 40.2914, 0.3149,
0.3209


 40.2914, 0.3149,
0.3209

347.3503, 0.3138,
0.3250

 27.7658, 0.3152,
0.3198


 75.6070, 0.3145,
0.3224

 18.1492, 0.3155,
0.3185

 99.1659, 0.3143,
0.3230

 11.0572, 0.3160,
0.3166


127.1713, 0.3142,
0.3235

 6.1053, 0.3167,
0.3140

160.0076, 0.3141,
0.3239

 2.9092, 0.3178,
0.3099

198.0593, 0.3140,
0.3242

 1.0845, 0.3196,
0.3027

241.7107, 0.3139,

 0.0000, 0.3733,

0.3245

0.0000

291.3462, 0.3139,
0.3248

0.0000, 0.0000,
0.0000

40.2914, 0.3149,
0.3209

40.2914, 0.3149,
0.3209

34.0610, 0.3203,
0.3023

47.4100, 0.3103,
0.3386

28.6784, 0.3266,
0.2832

55.4447, 0.3063,
0.3552

24.1080, 0.3338,
0.2641

64.4287, 0.3030,
0.3706

20.3094, 0.3419,
0.2457

74.3918, 0.3003,
0.3848

17.2390, 0.3509,
0.2287

84.7240, 0.2979,
0.3969

■ 14.8486, 0.3604,
0.2144

■ 84.9260, 0.2957,
0.3917

■ 13.0844, 0.3704,
0.2035

■ 85.1339, 0.2934,
0.3864

■ 11.8841, 0.3804,
0.1970

■ 85.3476, 0.2911,
0.3813

■ 11.1728, 0.3901,
0.1951

■ 85.5673, 0.2888,
0.3761

Harmonies

Analogous

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



40.2914, 0.3083, 0.3182



40.2914, 0.3149, 0.3209



40.2914, 0.3209, 0.3258

Triad

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



40.2914, 0.3149, 0.3209



40.2914, 0.3225, 0.3399



40.2914, 0.3008, 0.3263

Complementary

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



40.2914, 0.3149, 0.3209



42.2624, 0.3106, 0.3372

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.



40.2914, 0.3045, 0.3323



40.2914, 0.3149, 0.3209



40.2914, 0.3170, 0.3401

Square

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



40.2914, 0.3149, 0.3209



40.2914, 0.3254, 0.3367



40.2914, 0.3105, 0.3373



40.2914, 0.3002, 0.3212

Rectangle

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



40.2914, 0.3149, 0.3209



40.2914, 0.3238, 0.3296



40.2914, 0.3105, 0.3373



40.2914, 0.3017, 0.3283

Sweetspot

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



40.2931, 0.3149, 0.3209



77.4440, 0.3132, 0.3272



39.6775, 0.3077, 0.3180



16.7986, 0.3132, 0.3273



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



40.2931, 0.3149, 0.3209



72.4227, 0.3152, 0.3199



40.1453, 0.3182, 0.3261



9.1638, 0.3155, 0.3189



8.0091, 0.3945, 0.1947



0.2606, 0.3700, 0.1812

Inverse Universe

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



40.2931, 0.3149, 0.3209



72.4227, 0.3152, 0.3199



42.4101, 0.3075, 0.3319



9.1638, 0.3155, 0.3189



8.0091, 0.3945, 0.1947



0.2606, 0.3700, 0.1812

Previews

White Background



This preview shows how the Yxy color 40.2914, 0.3149, 0.3209 looks on a white background.

Color Contrast Check

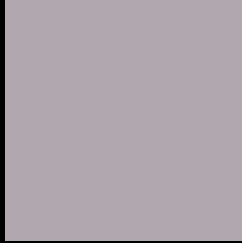
Large Text (above 18pt) WCAG AA × Fail

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 40.2914, 0.3149, 0.3209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

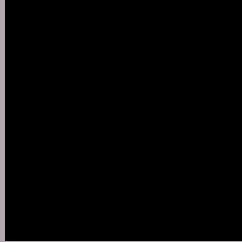
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

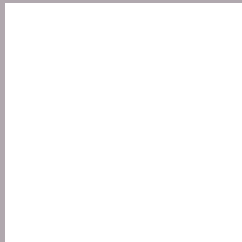
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 40.2914, 0.3149, 0.3209

Background



This preview shows how black text looks on a background with the Yxy color 40.2914, 0.3149, 0.3209.



This preview shows how white text looks on a background with the Yxy color 40.2914, 0.3149, 0.3209.

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

40.2914, 0.3149, 0.3209

Protanopia

40.2417, 0.3104, 0.3208

Deuteranopia

40.3197, 0.3227, 0.3158



Tritanopia

40.2798, 0.3108, 0.3115

Trichromacy



Original Color

40.2914, 0.3149, 0.3209

Protanomaly

40.3553, 0.3113, 0.3208

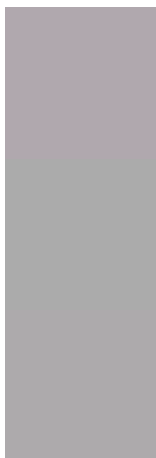
Deuteranomaly

40.3127, 0.3198, 0.3170

Tritanomaly

40.1989, 0.3125, 0.3142

Monochromacy



Original Color

40.2914, 0.3149, 0.3209

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.6122, 0.3137, 0.3263

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.2914, 0.3149, 0.3209 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(176, 168, 174)` looks like.

```
.text, #text, p{  
    color:rgb(176, 168, 174)  
}
```

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(176, 168, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 168, 174) }
```

Border

The CSS property to change the border of an element to Yxy 40.2914, 0.3149, 0.3209 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(176, 168, 174) }
```

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

```
.border{ border-color:rgb(176, 168, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 168, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 168, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 168, 174);  
box-shadow:4px 4px 4px 4px rgb(176, 168,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 40.2914, 0.3149, 0.3209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 168, 174) }
```

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

```
.background{ background-color: rgb(176,  
168, 174) }
```

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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