

Converting Colors

$Y_{xy}(40.7169, 0.3015, 0.3130)$

Have a look what the booklet for
Yxy(40.7169, 0.3015, 0.3130)
contains.

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Color

Yxy(40.5619, 0.3019, 0.3126)

Conversions

Conversions Part 1

Format	Color
Hex	A9AAB6
RGB	169, 170, 182
RGB Percent	66%, 67%, 71%
CMY	0.3374, 0.3333, 0.2863
CMYK	0.07, 0.07, 0.00, 0.29
HSL	235°, 8%, 69%
HSV	235°, 7%, 71%
XYZ	39.1735, 40.5619, 50.0212
YIQ	171.0690, -4.4480, 3.5200

Conversions

Conversions Part 2

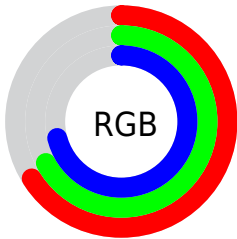
Format	Color
RYB	169, 170, 182
Decimal	11119286
CIELab	69.87, 1.98, -6.27
CIElCh	70, 6.578, 287.478
Yxy	40.5619, 0.3019, 0.3126
Android (android.graphics.Color)	4289309366 (0xFFA9AAB6)
YUV	171.0690, 5.3890, -1.8145
Hunter-Lab	63.6882, -1.6622, -1.9850

Details

The Yxy color $40.5619, 0.3019, 0.3126$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $45.8328, 0.3233, 0.3449$, and the grayscale version is $40.7333, 0.3127, 0.3290$.

A 20% lighter version of the original color is $75.8708, 0.3038, 0.3153$, and $18.3238, 0.2989, 0.3081$ is the 20% darker color. If you saturate the color by 10%, you get $32.8128, 0.2853, 0.2871$, and if you desaturate by 10%, it is $49.3921, 0.3167, 0.3351$.

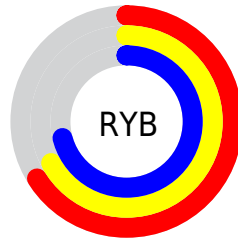
Distribution



Red (66%)

Green (67%)

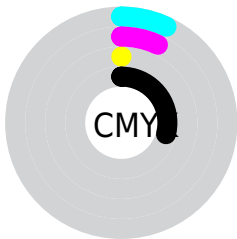
Blue (71%)



Red (66%)

Yellow (67%)

Blue (71%)

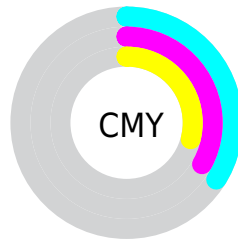


Cyan (7%)

Magenta (7%)

Yellow (0%)

Black (29%)



Cyan (34%)

Magenta (33%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 40.5619, 0.3019, 0.3126 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 40.5619, 0.3019, 0.3126 by changing the saturation by 10% instead.

■ 40.5619, 0.3019,
0.3126

■ 40.5619, 0.3019,
0.3126

348.4862, 0.3074,
0.3210

■ 27.9769, 0.3005,
0.3105

■ 76.0184, 0.3039,
0.3157

■ 18.3083, 0.2986,
0.3077

■ 99.6587, 0.3047,
0.3168

■ 11.1715, 0.2961,
0.3040

127.7529, 0.3053,
0.3178

■ 6.1823, 0.2925,
0.2987

160.6854, 0.3059,
0.3186

■ 2.9563, 0.2868,
0.2905

198.8406, 0.3064,
0.3193

■ 1.1089, 0.2769,
0.2764

242.6029, 0.3068,

■ 0.0000, 0.0751,

0.3199

0.0000

292.3566, 0.3071,
0.3205

0.0000, 0.0000,
0.0000

40.5619, 0.3019,
0.3126

40.5619, 0.3019,
0.3126

32.8128, 0.2853,
0.2871

49.3921, 0.3167,
0.3351

26.0983, 0.2669,
0.2586

59.3374, 0.3298,
0.3546

20.3761, 0.2472,
0.2276

70.4366, 0.3412,
0.3716

15.5990, 0.2267,
0.1948

82.7251, 0.3512,
0.3862

11.7162, 0.2064,
0.1618

95.2843, 0.3565,
0.3996

■ 8.6717, 0.1877,
0.1306

■ 96.1575, 0.3561,
0.4008

■ 6.4033, 0.1718,
0.1033

■ 4.8403, 0.1601,
0.0821

■ 3.8943, 0.1530,
0.0681

Harmonies

Analogous

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



40.5619, 0.2958, 0.3148



40.5619, 0.3019, 0.3126



40.5619, 0.3110, 0.3146

Triad

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



40.5619, 0.3019, 0.3126



40.5619, 0.3316, 0.3366



40.5619, 0.3047, 0.3379

Complementary

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



40.5619, 0.3019, 0.3126



45.8328, 0.3233, 0.3449

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.



40.5619, 0.3143, 0.3440



40.5619, 0.3019, 0.3126



40.5619, 0.3299, 0.3431

Square

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



40.5619, 0.3019, 0.3126



40.5619, 0.3282, 0.3284



40.5619, 0.3235, 0.3458



40.5619, 0.2974, 0.3294

Rectangle

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



40.5619, 0.3019, 0.3126



40.5619, 0.3175, 0.3181



40.5619, 0.3235, 0.3458



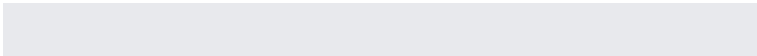
40.5619, 0.3078, 0.3403

Sweetspot

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



40.5636, 0.3019, 0.3126



81.5075, 0.3097, 0.3245



45.2199, 0.3026, 0.3304



18.0398, 0.3099, 0.3247



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



40.5636, 0.3019, 0.3126



70.5973, 0.2987, 0.3078



40.7814, 0.3067, 0.3114



8.8336, 0.2984, 0.3073



2.6637, 0.1517, 0.0662



0.1335, 0.1584, 0.0900

Inverse Universe

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



41.2084, 0.3238, 0.3276



72.0809, 0.3272, 0.3272



45.6161, 0.3184, 0.3465



9.0237, 0.3275, 0.3272



7.0512, 0.6295, 0.3242



0.2526, 0.5912, 0.3030

Previews

White Background



This preview shows how the Yxy color 40.5619, 0.3019, 0.3126 looks on a white background.

Color Contrast Check

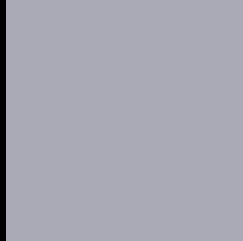
Large Text (above 18pt) WCAG AA × Fail

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 40.5619, 0.3019, 0.3126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

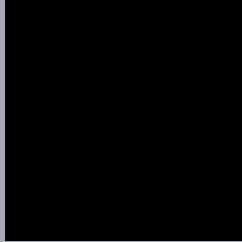
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

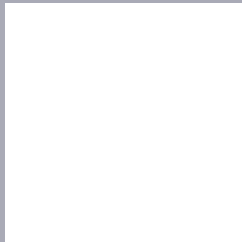
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 40.5619, 0.3019, 0.3126

Background



This preview shows how black text looks on a background with the Yxy color 40.5619, 0.3019, 0.3126.

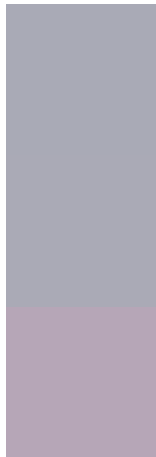


This preview shows how white text looks on a background with the Yxy color 40.5619, 0.3019, 0.3126.

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

40.5619, 0.3019, 0.3126

Protanopia

40.6729, 0.3028, 0.3126

Deuteranopia

40.6364, 0.3129, 0.3065



Tritanopia

40.6034, 0.3011, 0.3112

Trichromacy



Original Color

40.5619, 0.3019, 0.3126

Protanomaly

40.6729, 0.3028, 0.3126

Deuteranomaly

40.4034, 0.3083, 0.3076

Tritanomaly

40.6034, 0.3011, 0.3112

Monochromacy



Original Color

40.5619, 0.3019, 0.3126

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.7670, 0.3085, 0.3235

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.5619, 0.3019, 0.3126 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(169, 170, 182)` looks like.

```
.text, #text, p{  
    color:rgb(169, 170, 182)  
}
```

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(169, 170, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 170, 182) }
```

Border

The CSS property to change the border of an element to Yxy 40.5619, 0.3019, 0.3126 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(169, 170, 182) }
```

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

```
.border{ border-color:rgb(169, 170, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 170, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 170, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 170, 182);  
box-shadow:4px 4px 4px 4px rgb(169, 170,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 40.5619, 0.3019, 0.3126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 170, 182) }
```

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

```
.background{ background-color: rgb(169,  
170, 182) }
```

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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