

Converting Colors

$Yxy(40.5621, 0.3119, 0.3461)$

Have a look what the booklet for
Yxy(40.5621, 0.3119, 0.3461)
contains.

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Color

Yxy(40.5621, 0.3119, 0.3461)

Conversions

Conversions Part 1

Format	Color
Hex	A2AEA2
RGB	162, 174, 162
RGB Percent	64%, 68%, 64%
CMY	0.3648, 0.3176, 0.3647
CMYK	0.07, 0.00, 0.07, 0.32
HSL	120°, 7%, 66%
HSV	120°, 7%, 68%
XYZ	36.5539, 40.5621, 40.0816
YIQ	169.0440, -3.3000, -6.2760

Conversions

Conversions Part 2

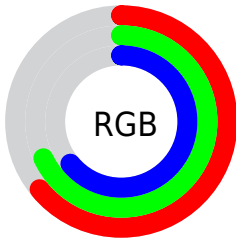
Format	Color
R _{YB}	162, 174, 174
Decimal	10661538
CIE Lab	69.87, -6.51, 4.71
CIE LCh	70, 8.037, 144.112
Yxy	40.5621, 0.3119, 0.3461
Android (android.graphics.Color)	4288851618 (0xFFA2AEA2)
YUV	169.0440, -3.4727, -6.1776
Hunter-Lab	63.6884, -9.0046, 7.2684

Details

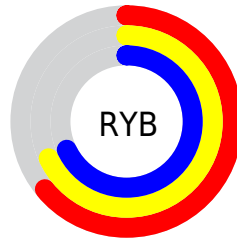
The Yxy color **40.5621, 0.3119, 0.3461** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.8887, 0.3135, 0.3125**, and the grayscale version is **39.7168, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.8001, 0.3121, 0.3421**, and **18.3599, 0.3116, 0.3530** is the 20% darker color. If you saturate the color by 10%, you get **38.2902, 0.3106, 0.3737**, and if you desaturate by 10%, it is **43.1751, 0.3131, 0.3219**.

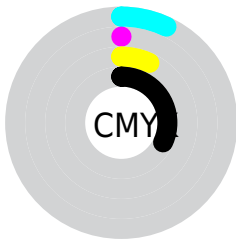
Distribution



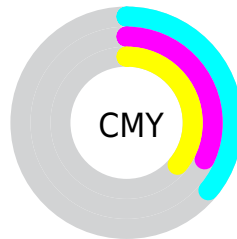
- Red (64%)
- Green (68%)
- Blue (64%)



- Red (64%)
- Yellow (68%)
- Blue (68%)



- Cyan (7%)
- Magenta (0%)
- Yellow (7%)
- Black (32%)





- Cyan (36%)
- Magenta (32%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.5621, 0.3119, 0.3461 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 40.5621, 0.3119, 0.3461 by changing the saturation by 10% instead.


 40.5621, 0.3119,
0.3461


 40.5621, 0.3119,
0.3461


348.4871, 0.3124,
0.3373

 27.9771, 0.3118,
0.3484


 76.0187, 0.3121,
0.3428

 18.3084, 0.3116,
0.3514


 99.6591, 0.3121,
0.3416

 11.1716, 0.3113,
0.3556


127.7533, 0.3122,
0.3406

 6.1824, 0.3109,
0.3616

160.6859, 0.3122,
0.3397

 2.9563, 0.3101,
0.3712

198.8412, 0.3123,
0.3390

 1.1090, 0.3089,
0.3892

242.6035, 0.3123,

 0.0000, 0.0000,

0.3383

0.0000

292.3574, 0.3123,
0.3378

■ 40.5621, 0.3119,
0.3461

■ 40.5621, 0.3119,
0.3461

■ 38.2902, 0.3106,
0.3737

■ 43.1751, 0.3131,
0.3219

■ 36.3404, 0.3091,
0.4046

■ 46.1368, 0.3141,
0.3009

■ 34.6996, 0.3075,
0.4383

■ 49.4614, 0.3149,
0.2828

■ 33.3521, 0.3059,
0.4735

■ 53.1606, 0.3157,
0.2673

■ 32.2805, 0.3042,
0.5085

■ 57.2455, 0.3163,
0.2540

■ 31.4657, 0.3027,
0.5407

■ 58.7563, 0.3164,
0.2498

■ 30.8864, 0.3015,
0.5674

■ 30.5175, 0.3006,
0.5865

■ 30.3232, 0.3001,
0.5973

Harmonies

Analogous

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



40.5621, 0.3235, 0.3496



40.5621, 0.3119, 0.3461



40.5621, 0.3006, 0.3377

Triad

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



40.5621, 0.3119, 0.3461



40.5621, 0.2933, 0.3107



40.5621, 0.3331, 0.3305

Complementary

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



40.5621, 0.3119, 0.3461



37.8887, 0.3135, 0.3125

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.



40.5621, 0.3248, 0.3205



40.5621, 0.3119, 0.3461



40.5621, 0.3017, 0.3091

Square

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



40.5621, 0.3119, 0.3461



40.5621, 0.2900, 0.3171



40.5621, 0.3132, 0.3127



40.5621, 0.3359, 0.3403

Rectangle

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



40.5621, 0.3119, 0.3461



40.5621, 0.2948, 0.3307



40.5621, 0.3132, 0.3127



40.5621, 0.3309, 0.3270

Sweetspot

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



40.5638, 0.3119, 0.3461



75.8017, 0.3125, 0.3339



41.8841, 0.3228, 0.3456



16.8593, 0.3125, 0.3336



89.0005, 0.3127, 0.3290



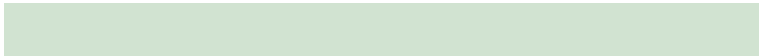
17.0645, 0.3127, 0.3290

Same Dimension

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



40.5638, 0.3119, 0.3461



73.0305, 0.3117, 0.3493



40.7824, 0.3070, 0.3375



8.9395, 0.3116, 0.3524



21.9570, 0.3000, 0.5999



0.6109, 0.2998, 0.5994

Inverse Universe

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



37.8887, 0.3135, 0.3125



67.3647, 0.3136, 0.3095



37.6599, 0.3188, 0.3207



8.1479, 0.3138, 0.3067



8.7371, 0.3212, 0.1543



0.2431, 0.3211, 0.1543

Previews

White Background



This preview shows how the Yxy color 40.5621, 0.3119, 0.3461 looks on a white background.

Color Contrast Check

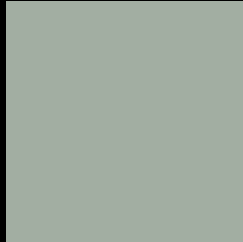
Large Text (above 18pt) WCAG AA × Fail

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 40.5621, 0.3119, 0.3461 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

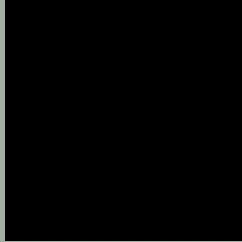
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

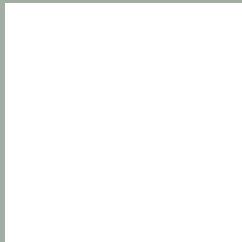
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 40.5621, 0.3119, 0.3461

Background



This preview shows how black text looks on a background with the Yxy color 40.5621, 0.3119, 0.3461.



This preview shows how white text looks on a background with the Yxy color 40.5621, 0.3119, 0.3461.

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

40.5621, 0.3119, 0.3461

Protanopia

40.5176, 0.3268, 0.3428

Deuteranopia

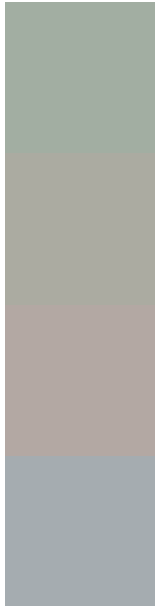
40.4094, 0.3364, 0.3304



Tritanopia

40.6935, 0.2977, 0.3112

Trichromacy



Original Color

40.5621, 0.3119, 0.3461

Protanomaly

40.3570, 0.3212, 0.3430

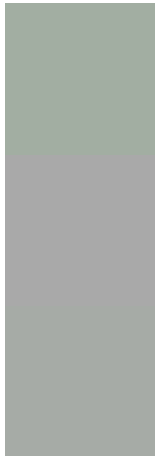
Deuteranomaly

40.2333, 0.3273, 0.3359

Tritanomaly

40.6390, 0.3033, 0.3234

Monochromacy



Original Color

40.5621, 0.3119, 0.3461

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.9860, 0.3124, 0.3360

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.5621, 0.3119, 0.3461 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(162, 174, 162)` looks like.

```
.text, #text, p{  
    color:rgb(162, 174, 162)  
}
```

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(162, 174, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 174, 162) }
```

Border

The CSS property to change the border of an element to Yxy 40.5621, 0.3119, 0.3461 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(162, 174, 162) }
```

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

```
.border{ border-color:rgb(162, 174, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 174, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 174, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 174, 162);  
box-shadow:4px 4px 4px 4px rgb(162, 174,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 40.5621, 0.3119, 0.3461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 174, 162) }
```

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

```
.background{ background-color: rgb(162,  
174, 162) }
```

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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