

Converting Colors

$Yxy(40.5096, 0.3060, 0.3621)$

Have a look what the booklet for
Yxy(40.5096, 0.3060, 0.3621)
contains.

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Color

Yxy(40.5969, 0.3060, 0.3629)

Conversions

Conversions Part 1

Format	Color
Hex	95B29B
RGB	149, 178, 155
RGB Percent	58%, 70%, 61%
CMY	0.4157, 0.3019, 0.3922
CMYK	0.16, 0.00, 0.13, 0.30
HSL	132°, 16%, 64%
HSV	132°, 16%, 70%
XYZ	34.2316, 40.5969, 37.0395
YIQ	166.7070, -9.9010, -13.3010

Conversions

Conversions Part 2

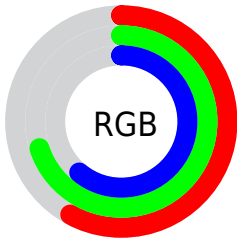
Format	Color
RYB	149, 173, 178
Decimal	9810587
CIELab	69.89, -14.49, 8.48
CIELCh	70, 16.784, 149.669
Yxy	40.5969, 0.3060, 0.3629
Android (android.graphics.Color)	4288000667 (0xFF95B29B)
YUV	166.7070, -5.7716, -15.5290
Hunter-Lab	63.7157, -15.6024, 10.1343

Details

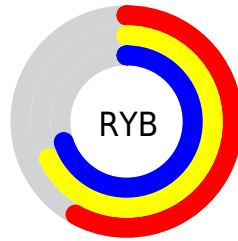
The Yxy color **40.5969, 0.3060, 0.3629** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **33.9416, 0.3202, 0.2973**, and the grayscale version is **38.5270, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.1456, 0.3074, 0.3570**, and **18.2634, 0.3036, 0.3729** is the 20% darker color. If you saturate the color by 10%, you get **38.6031, 0.3019, 0.3871**, and if you desaturate by 10%, it is **42.9056, 0.3101, 0.3413**.

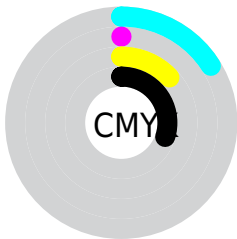
Distribution



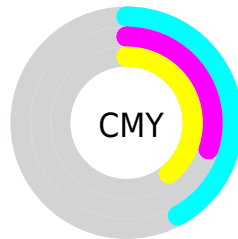
- Red (58%)
- Green (70%)
- Blue (61%)



- Red (58%)
- Yellow (68%)
- Blue (70%)



- Cyan (16%)
- Magenta (0%)
- Yellow (13%)
- Black (30%)





- Cyan (42%)
- Magenta (30%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.5969, 0.3060, 0.3629 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 40.5969, 0.3060, 0.3629 by changing the saturation by 10% instead.


 40.5969, 0.3060,
0.3629


 40.5969, 0.3060,
0.3629


348.6330, 0.3096,
0.3452

 28.0042, 0.3050,
0.3676


 76.0716, 0.3074,
0.3563

 18.3289, 0.3037,
0.3738


 99.7224, 0.3079,
0.3538

 11.1863, 0.3017,
0.3824


127.8281, 0.3083,
0.3518

 6.1923, 0.2988,
0.3950

160.7730, 0.3087,
0.3501

 2.9624, 0.2939,
0.4153

198.9416, 0.3089,
0.3486

 1.1121, 0.2865,
0.4635

242.7182, 0.3092,

 0.0000, 0.0000,

0.3473

0.0000

292.4872, 0.3094,
0.3462

■ 40.5969, 0.3060,
0.3629

■ 40.5969, 0.3060,
0.3629

■ 38.6031, 0.3019,
0.3871

■ 42.9056, 0.3101,
0.3413

■ 36.9054, 0.2981,
0.4137

■ 45.5366, 0.3142,
0.3222

■ 35.4913, 0.2948,
0.4422

■ 48.5036, 0.3182,
0.3055

■ 34.3448, 0.2922,
0.4717

■ 51.8180, 0.3219,
0.2910

■ 33.4488, 0.2906,
0.5011

■ 55.4905, 0.3254,
0.2784

■ 32.7839, 0.2903,
0.5288

■ 59.3778, 0.3280,
0.2674

■ 32.3279, 0.2912,
0.5531

■ 60.2490, 0.3171,
0.2546

■ 32.0518, 0.2933,
0.5725

■ 60.3220, 0.3163,
0.2536

■ 31.9741, 0.2940,
0.5785

Harmonies

Analogous

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



40.5969, 0.3306, 0.3723



40.5969, 0.3060, 0.3629



40.5969, 0.2838, 0.3432

Triad

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



40.5969, 0.3060, 0.3629



40.5969, 0.2751, 0.2897



40.5969, 0.3578, 0.3352

Complementary

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



40.5969, 0.3060, 0.3629



33.9416, 0.3202, 0.2973

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.



40.5969, 0.3418, 0.3148



40.5969, 0.3060, 0.3629



40.5969, 0.2937, 0.2891

Square

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



40.5969, 0.3060, 0.3629



40.5969, 0.2665, 0.3005



40.5969, 0.3180, 0.2982



40.5969, 0.3611, 0.3550

Rectangle

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



40.5969, 0.3060, 0.3629



40.5969, 0.2732, 0.3276



40.5969, 0.3180, 0.2982



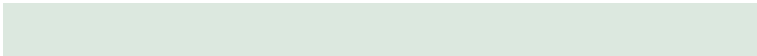
40.5969, 0.3537, 0.3283

Sweetspot

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



40.5986, 0.3060, 0.3629



78.3462, 0.3106, 0.3389



42.8059, 0.3314, 0.3694



17.2880, 0.3103, 0.3403



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



40.5986, 0.3060, 0.3629



72.0858, 0.3043, 0.3724



41.1082, 0.2950, 0.3415



9.5179, 0.3089, 0.3476



22.8846, 0.2936, 0.5768



0.7284, 0.2792, 0.5251

Inverse Universe

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



33.9416, 0.3202, 0.2973



57.4294, 0.3224, 0.2892



33.4210, 0.3342, 0.3168



8.6161, 0.3168, 0.3111



8.1627, 0.3802, 0.1868



0.2644, 0.3608, 0.1761

Previews

White Background



This preview shows how the Yxy color 40.5969, 0.3060, 0.3629 looks on a white background.

Color Contrast Check

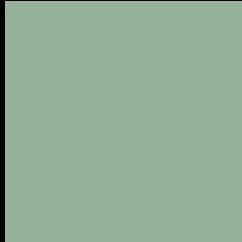
Large Text (above 18pt) WCAG AA × Fail

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 40.5969, 0.3060, 0.3629 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

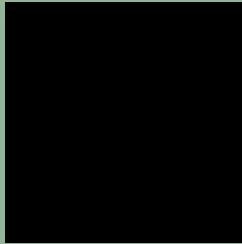
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.5969, 0.3060, 0.3629

Background



This preview shows how black text looks on a background with the Yxy color 40.5969, 0.3060, 0.3629.



This preview shows how white text looks on a background with the Yxy color 40.5969, 0.3060, 0.3629.

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

40.5969, 0.3060, 0.3629

Protanopia

40.4488, 0.3366, 0.3553

Deuteranopia

40.2260, 0.3451, 0.3370



Tritanopia

40.4436, 0.2863, 0.3094

Trichromacy



Original Color

40.5969, 0.3060, 0.3629

Protanomaly

40.3696, 0.3249, 0.3589

Deuteranomaly

40.0404, 0.3296, 0.3457

Tritanomaly

40.5274, 0.2939, 0.3289

Monochromacy



Original Color

40.5969, 0.3060, 0.3629

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

39.2437, 0.3095, 0.3405

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.5969, 0.3060, 0.3629 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(149, 178, 155)` looks like.

```
.text, #text, p{  
    color:rgb(149, 178, 155)  
}
```

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(149, 178, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 178, 155) }
```

Border

The CSS property to change the border of an element to Yxy 40.5969, 0.3060, 0.3629 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(149, 178, 155) }
```

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

```
.border{ border-color:rgb(149, 178, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 178, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 178, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 178, 155);  
box-shadow:4px 4px 4px 4px rgb(149, 178,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 40.5969, 0.3060, 0.3629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 178, 155) }
```

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

```
.background{ background-color: rgb(149,  
178, 155) }
```

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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