

Converting Colors

$Yxy(40.9155, 0.3067, 0.3412)$

Have a look what the booklet for
Yxy(40.9155, 0.3067, 0.3412)
contains.

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Color

Yxy(40.8867, 0.3069, 0.3418)

Conversions

Conversions Part 1

Format	Color
Hex	A0AFA6
RGB	160, 175, 166
RGB Percent	63%, 69%, 65%
CMY	0.3725, 0.3137, 0.3491
CMYK	0.09, 0.00, 0.05, 0.31
HSL	144°, 9%, 66%
HSV	144°, 9%, 69%
XYZ	36.7119, 40.8867, 42.0231
YIQ	169.4890, -6.0510, -5.9790

Conversions

Conversions Part 2

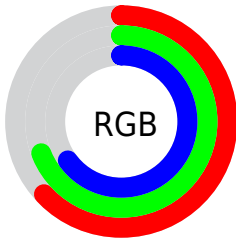
Format	Color
RYB	160, 171, 175
Decimal	10530726
CIELab	70.10, -6.97, 2.83
CIELCh	70, 7.524, 157.930
Yxy	40.8867, 0.3069, 0.3418
Android (android.graphics.Color)	4288720806 (0xFFA0AFA6)
YUV	169.4890, -1.7201, -8.3219
Hunter-Lab	63.9427, -9.4162, 5.7945

Details

The Yxy color $40.8867, 0.3069, 0.3418$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $37.1301, 0.3190, 0.3165$, and the grayscale version is $39.9440, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.8194, 0.3081, 0.3399$, and $18.5690, 0.3047, 0.3470$ is the 20% darker color. If you saturate the color by 10%, you get $38.8386, 0.3002, 0.3584$, and if you desaturate by 10%, it is $43.2239, 0.3137, 0.3270$.

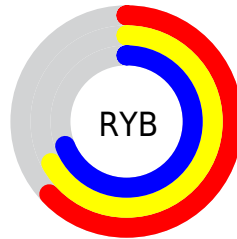
Distribution



Red (63%)

Green (69%)

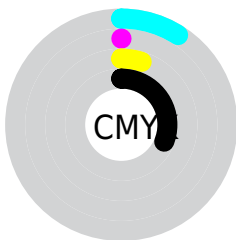
Blue (65%)



Red (63%)

Yellow (67%)

Blue (69%)

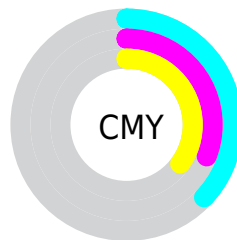


Cyan (9%)

Magenta (0%)

Yellow (5%)

Black (31%)



Cyan (37%)

Magenta (31%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.8867, 0.3069, 0.3418 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 40.8867, 0.3069, 0.3418 by changing the saturation by 10% instead.


 40.8867, 0.3069,
0.3418


 40.8867, 0.3069,
0.3418


349.8469, 0.3099,
0.3352

 28.2306, 0.3061,
0.3435


 76.5119, 0.3080,
0.3394

 18.4995, 0.3051,
0.3458


 100.2497, 0.3084,
0.3385

 11.3092, 0.3037,
0.3488


128.4502, 0.3088,
0.3377

 6.2752, 0.3017,
0.3533

161.4978, 0.3091,
0.3370

 3.0131, 0.2985,
0.3603

199.7769, 0.3093,
0.3365

 1.1386, 0.2926,
0.3730

243.6718, 0.3095,

 0.0107, 0.0000,

0.3360

1.0000

293.5670, 0.3097,
0.3356

0.0000, 0.0000,
0.0000

40.8867, 0.3069,
0.3418

40.8867, 0.3069,
0.3418

38.8386, 0.3002,
0.3584

43.2239, 0.3137,
0.3270

37.0630, 0.2938,
0.3769

45.8557, 0.3204,
0.3139

35.5496, 0.2880,
0.3971

48.7938, 0.3270,
0.3023

34.2855, 0.2831,
0.4188

52.0479, 0.3334,
0.2922

33.2564, 0.2794,
0.4416

55.6272, 0.3394,
0.2834

■ 32.4469, 0.2771,
0.4649

■ 57.5895, 0.3369,
0.2742

■ 31.8392, 0.2766,
0.4879

■ 58.1971, 0.3283,
0.2644

■ 31.4129, 0.2780,
0.5098

■ 58.8410, 0.3200,
0.2549

■ 31.1327, 0.2809,
0.5299

■ 59.1400, 0.3164,
0.2508

Harmonies

Analogous

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



40.8867, 0.3180, 0.3474



40.8867, 0.3069, 0.3418



40.8867, 0.2975, 0.3326

Triad

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



40.8867, 0.3069, 0.3418



40.8867, 0.2977, 0.3106



40.8867, 0.3337, 0.3348

Complementary

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



40.8867, 0.3069, 0.3418



37.1301, 0.3190, 0.3165

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.



40.8867, 0.3281, 0.3252



40.8867, 0.3069, 0.3418



40.8867, 0.3072, 0.3114

Square

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



40.8867, 0.3069, 0.3418



40.8867, 0.2922, 0.3146



40.8867, 0.3183, 0.3167



40.8867, 0.3336, 0.3431

Rectangle

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



40.8867, 0.3069, 0.3418



40.8867, 0.2934, 0.3259



40.8867, 0.3183, 0.3167



40.8867, 0.3324, 0.3316

Sweetspot

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



40.8884, 0.3069, 0.3418



75.4681, 0.3106, 0.3334



41.6626, 0.3200, 0.3499



16.6993, 0.3101, 0.3346



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.



40.8884, 0.3069, 0.3418



72.6026, 0.3058, 0.3444



41.1629, 0.3011, 0.3314



8.9902, 0.3064, 0.3430



22.2811, 0.2807, 0.5305



0.6308, 0.2630, 0.4668

Inverse Universe

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



37.1301, 0.3190, 0.3165



64.6878, 0.3203, 0.3141



36.8644, 0.3256, 0.3266



8.0933, 0.3196, 0.3154



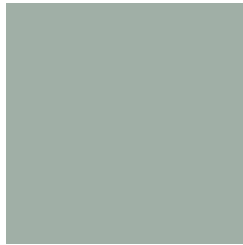
7.2755, 0.4505, 0.2255



0.2128, 0.4019, 0.1988

Previews

White Background



This preview shows how the Yxy color 40.8867, 0.3069, 0.3418 looks on a white background.

Color Contrast Check

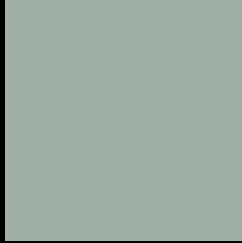
Large Text (above 18pt) WCAG AA × Fail

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 40.8867, 0.3069, 0.3418 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

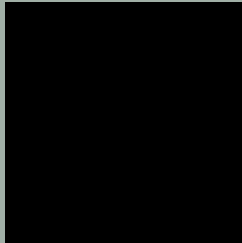
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

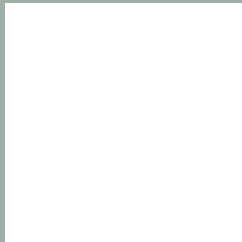
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 40.8867, 0.3069, 0.3418

Background



This preview shows how black text looks on a background with the Yxy color 40.8867, 0.3069, 0.3418.



This preview shows how white text looks on a background with the Yxy color 40.8867, 0.3069, 0.3418.

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

40.8867, 0.3069, 0.3418

Protanopia

40.6239, 0.3242, 0.3387

Deuteranopia

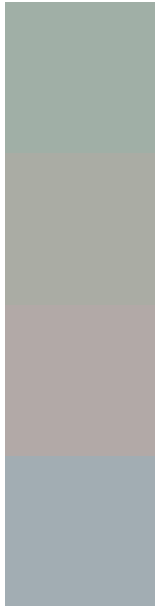
40.9184, 0.3326, 0.3264



Tritanopia

40.8367, 0.2937, 0.3097

Trichromacy



Original Color

40.8867, 0.3069, 0.3418

Protanomaly

40.7314, 0.3176, 0.3402

Deuteranomaly

40.6309, 0.3227, 0.3318

Tritanomaly

40.8232, 0.2983, 0.3206

Monochromacy



Original Color

40.8867, 0.3069, 0.3418

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

40.0600, 0.3107, 0.3332

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.8867, 0.3069, 0.3418 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(160, 175, 166)` looks like.

```
.text, #text, p{  
    color:rgb(160, 175, 166)  
}
```

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(160, 175, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 175, 166) }
```

Border

The CSS property to change the border of an element to Yxy 40.8867, 0.3069, 0.3418 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(160, 175, 166) }
```

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

```
.border{ border-color:rgb(160, 175, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 175, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 175, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 175, 166);  
box-shadow:4px 4px 4px 4px rgb(160, 175,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 40.8867, 0.3069, 0.3418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 175, 166) }
```

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

```
.background{ background-color: rgb(160,  
175, 166) }
```

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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