

Converting Colors

$Yxy(38.6326, 0.3062, 0.3407)$

Have a look what the booklet for
Yxy(38.6326, 0.3062, 0.3407)
contains.

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Color

Yxy(38.8024, 0.3067, 0.3421)

Conversions

Conversions Part 1

Format	Color
Hex	9CABA2
RGB	156, 171, 162
RGB Percent	61%, 67%, 64%
CMY	0.3884, 0.3293, 0.3647
CMYK	0.09, 0.00, 0.05, 0.33
HSL	144°, 8%, 64%
HSV	144°, 9%, 67%
XYZ	34.7872, 38.8024, 39.8346
YIQ	165.4890, -6.0510, -5.9790

Conversions

Conversions Part 2

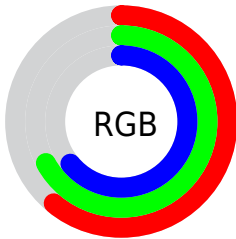
Format	Color
RYB	156, 167, 171
Decimal	10267554
CIELab	68.61, -7.03, 2.83
CIELCh	69, 7.584, 158.059
Yxy	38.8024, 0.3067, 0.3421
Android (android.graphics.Color)	4288457634 (0xFF9CABA2)
YUV	165.4890, -1.7201, -8.3219
Hunter-Lab	62.2916, -9.3256, 5.6890

Details

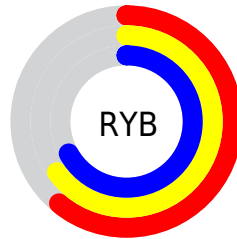
The Yxy color **38.8024, 0.3067, 0.3421** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.1366, 0.3192, 0.3162**, and the grayscale version is **37.8816, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.2514, 0.3081, 0.3390**, and **17.3227, 0.3056, 0.3475** is the 20% darker color. If you saturate the color by 10%, you get **36.8674, 0.3000, 0.3587**, and if you desaturate by 10%, it is **41.0106, 0.3135, 0.3273**.

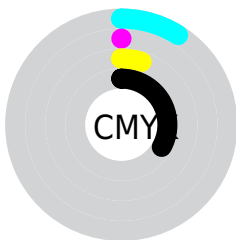
Distribution



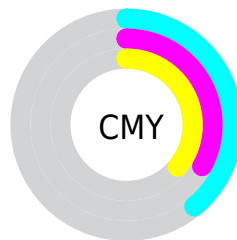
- Red (61%)
- Green (67%)
- Blue (64%)



- Red (61%)
- Yellow (65%)
- Blue (67%)



- Cyan (9%)
- Magenta (0%)
- Yellow (5%)
- Black (33%)





- Cyan (39%)
- Magenta (33%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 38.8024, 0.3067, 0.3421 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 38.8024, 0.3067, 0.3421 by changing the saturation by 10% instead.


 38.8024, 0.3067,
0.3421


 38.8024, 0.3067,
0.3421


341.0496, 0.3098,
0.3353

 26.6060, 0.3059,
0.3439


 73.3364, 0.3079,
0.3396

 17.2776, 0.3048,
0.3463


 96.4427, 0.3083,
0.3386

 10.4326, 0.3033,
0.3495

123.9546, 0.3087,
0.3378

 5.6867, 0.3011,
0.3543

156.2563, 0.3090,
0.3372

 2.6555, 0.2976,
0.3619

193.7323, 0.3092,
0.3366

 0.9547, 0.2903,
0.3776

236.7669, 0.3095,

 0.0000, 0.0000,

0.3361

0.0000

285.7446, 0.3097,
0.3357

■ 38.8024, 0.3067,
0.3421

■ 38.8024, 0.3067,
0.3421

■ 36.8674, 0.3000,
0.3587

■ 41.0106, 0.3135,
0.3273

■ 35.1899, 0.2936,
0.3770

■ 43.4971, 0.3203,
0.3143

■ 33.7601, 0.2878,
0.3971

■ 46.2732, 0.3269,
0.3028

■ 32.5659, 0.2828,
0.4187

■ 49.3478, 0.3333,
0.2927

■ 31.5937, 0.2791,
0.4413

■ 52.7297, 0.3394,
0.2839

■ 30.8290, 0.2769,
0.4644

■ 55.7452, 0.3422,
0.2757

■ 30.2548, 0.2764,
0.4873

■ 56.3162, 0.3336,
0.2660

■ 29.8520, 0.2777,
0.5091

■ 56.9212, 0.3252,
0.2567

■ 29.5852, 0.2806,
0.5291

■ 57.5609, 0.3172,
0.2476

Harmonies

Analogous

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



38.8024, 0.3181, 0.3478



38.8024, 0.3067, 0.3421



38.8024, 0.2971, 0.3327

Triad

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



38.8024, 0.3067, 0.3421



38.8024, 0.2973, 0.3101



38.8024, 0.3343, 0.3350

Complementary

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



38.8024, 0.3067, 0.3421



35.1366, 0.3192, 0.3162

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.



38.8024, 0.3285, 0.3251



38.8024, 0.3067, 0.3421



38.8024, 0.3071, 0.3110

Square

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



38.8024, 0.3067, 0.3421



38.8024, 0.2917, 0.3142



38.8024, 0.3185, 0.3164



38.8024, 0.3341, 0.3435

Rectangle

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



38.8024, 0.3067, 0.3421



38.8024, 0.2929, 0.3258



38.8024, 0.3185, 0.3164



38.8024, 0.3330, 0.3317

Sweetspot

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



38.8040, 0.3067, 0.3421



71.6942, 0.3106, 0.3334



39.5296, 0.3199, 0.3505



15.9178, 0.3101, 0.3346



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



38.8040, 0.3067, 0.3421



68.6099, 0.3051, 0.3459



39.0795, 0.3006, 0.3311



8.9906, 0.3064, 0.3429



22.2863, 0.2804, 0.5295



0.6310, 0.2628, 0.4660

Inverse Universe

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



35.1366, 0.3192, 0.3162



60.3983, 0.3212, 0.3127



34.8709, 0.3263, 0.3269



8.0929, 0.3196, 0.3155



7.2672, 0.4518, 0.2263



0.2126, 0.4027, 0.1992

Previews

White Background



This preview shows how the Yxy color 38.8024, 0.3067, 0.3421 looks on a white background.

Color Contrast Check

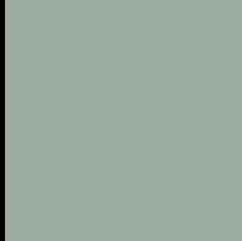
Large Text (above 18pt) WCAG AA × Fail

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 38.8024, 0.3067, 0.3421 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

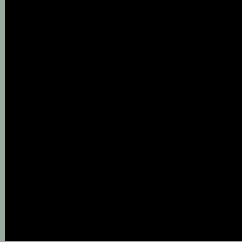
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

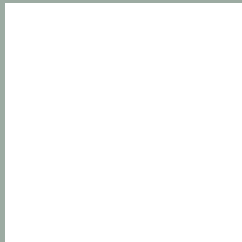
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 38.8024, 0.3067, 0.3421

Background



This preview shows how black text looks on a background with the Yxy color 38.8024, 0.3067, 0.3421.



This preview shows how white text looks on a background with the Yxy color 38.8024, 0.3067, 0.3421.

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

38.8024, 0.3067, 0.3421

Protanopia

38.5463, 0.3245, 0.3389

Deuteranopia

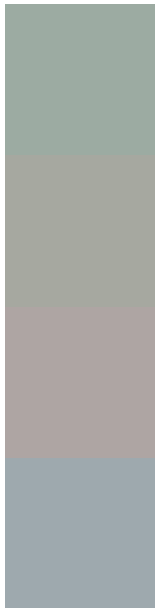
38.7113, 0.3321, 0.3264



Tritanopia

38.7124, 0.2940, 0.3107

Trichromacy



Original Color

38.8024, 0.3067, 0.3421

Protanomaly

38.6503, 0.3177, 0.3404

Deuteranomaly

38.5533, 0.3229, 0.3318

Tritanomaly

38.7010, 0.2988, 0.3218

Monochromacy



Original Color

38.8024, 0.3067, 0.3421

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

37.9992, 0.3107, 0.3333

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.8024, 0.3067, 0.3421 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(156, 171, 162)` looks like.

```
.text, #text, p{  
    color:rgb(156, 171, 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(156, 171, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 171, 162) }
```

Border

The CSS property to change the border of an element to Yxy 38.8024, 0.3067, 0.3421 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(156, 171, 162) }
```

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

```
.border{ border-color:rgb(156, 171, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 171, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 171, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 171, 162);  
box-shadow:4px 4px 4px 4px rgb(156, 171,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 38.8024, 0.3067, 0.3421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 171, 162) }
```

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

```
.background{ background-color: rgb(156,  
171, 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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