

Converting Colors

$Yxy(37.5859, 0.3061, 0.3351)$

Have a look what the booklet for
Yxy(37.5859, 0.3061, 0.3351)
contains.

Yxy(37.7175, 0.3060, 0.3363)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(37.7175, 0.3060, 0.3363)

Conversions

Conversions Part 1

Format	Color
Hex	9CA8A3
RGB	156, 168, 163
RGB Percent	61%, 66%, 64%
CMY	0.3883, 0.3411, 0.3608
CMYK	0.07, 0.00, 0.03, 0.34
HSL	155°, 6%, 64%
HSV	155°, 7%, 66%
XYZ	34.3192, 37.7175, 40.1176
YIQ	163.8420, -5.5470, -4.0990

Conversions

Conversions Part 2

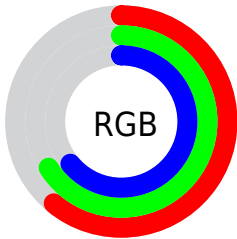
Format	Color
RYB	156, 164, 168
Decimal	10266787
CIELab	67.81, -5.21, 1.12
CIELCh	68, 5.334, 167.843
Yxy	37.7175, 0.3060, 0.3363
Android (android.graphics.Color)	4288456867 (0xFF9CA8A3)
YUV	163.8420, -0.4151, -6.8774
Hunter-Lab	61.4146, -7.7275, 4.2604

Details

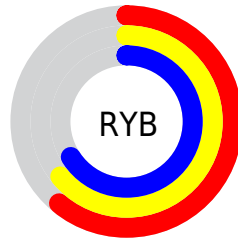
The Yxy color **37.7175, 0.3060, 0.3363** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.6673, 0.3200, 0.3218**, and the grayscale version is **37.0480, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.6862, 0.3076, 0.3345**, and **16.6417, 0.3046, 0.3393** is the 20% darker color. If you saturate the color by 10%, you get **35.9134, 0.2968, 0.3475**, and if you desaturate by 10%, it is **39.7705, 0.3154, 0.3263**.

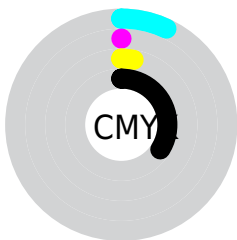
Distribution



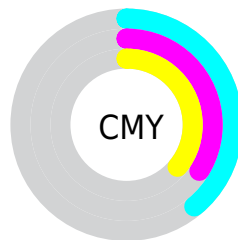
- Red (61%)
- Green (66%)
- Blue (64%)



- Red (61%)
- Yellow (64%)
- Blue (66%)



- Cyan (7%)
- Magenta (0%)
- Yellow (3%)
- Black (34%)





- Cyan (39%)
- Magenta (34%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.7175, 0.3060, 0.3363 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 37.7175, 0.3060, 0.3363 by changing the saturation by 10% instead.


 37.7175, 0.3060,
0.3363


 37.7175, 0.3060,
0.3363


336.4066, 0.3095,
0.3325

 25.7635, 0.3051,
0.3373


 71.6749, 0.3073,
0.3349

 16.6468, 0.3039,
0.3386


 94.4472, 0.3078,
0.3344

 9.9830, 0.3022,
0.3404


121.5943, 0.3082,
0.3339

 5.3877, 0.2998,
0.3431

153.5006, 0.3085,
0.3336

 2.4765, 0.2959,
0.3473

190.5506, 0.3088,
0.3332

 0.8648, 0.2868,
0.3570

233.1287, 0.3091,

 0.0000, 0.0000,

0.3330

0.0000

281.6192, 0.3093,
0.3327

■ 37.7175, 0.3060,
0.3363

■ 37.7175, 0.3060,
0.3363

■ 35.9134, 0.2968,
0.3475

■ 39.7705, 0.3154,
0.3263

■ 34.3438, 0.2882,
0.3598

■ 42.0769, 0.3248,
0.3173

■ 32.9999, 0.2802,
0.3732

■ 44.6467, 0.3342,
0.3094

■ 31.8706, 0.2733,
0.3876

■ 47.4883, 0.3433,
0.3025

■ 30.9438, 0.2678,
0.4029

■ 50.6096, 0.3521,
0.2964

■ 30.2061, 0.2639,
0.4187

■ 53.6788, 0.3590,
0.2908

■ 29.6426, 0.2618,
0.4348

■ 54.0248, 0.3527,
0.2838

■ 29.2358, 0.2618,
0.4508

■ 54.3862, 0.3465,
0.2769

■ 28.9594, 0.2635,
0.4664

■ 54.7631, 0.3404,
0.2702

Harmonies

Analogous

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



37.7175, 0.3139, 0.3414



37.7175, 0.3060, 0.3363



37.7175, 0.2999, 0.3293

Triad

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



37.7175, 0.3060, 0.3363



37.7175, 0.3038, 0.3153



37.7175, 0.3284, 0.3355

Complementary

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



37.7175, 0.3060, 0.3363



34.6673, 0.3200, 0.3218

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.



37.7175, 0.3257, 0.3286



37.7175, 0.3060, 0.3363



37.7175, 0.3114, 0.3171

Square

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



37.7175, 0.3060, 0.3363



37.7175, 0.2987, 0.3172



37.7175, 0.3194, 0.3219



37.7175, 0.3269, 0.3408

Rectangle

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



37.7175, 0.3060, 0.3363



37.7175, 0.2977, 0.3245



37.7175, 0.3194, 0.3219



37.7175, 0.3280, 0.3333

Sweetspot

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



37.7191, 0.3060, 0.3363



70.2881, 0.3108, 0.3310



38.0060, 0.3167, 0.3465



15.3291, 0.3109, 0.3309



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



37.7191, 0.3060, 0.3363



67.7457, 0.3041, 0.3384



37.6072, 0.3019, 0.3278



8.4783, 0.3040, 0.3386



21.8240, 0.2637, 0.4693



0.5408, 0.2493, 0.4174

Inverse Universe

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



34.6673, 0.3200, 0.3218



60.7569, 0.3222, 0.3197



34.7639, 0.3245, 0.3302



7.5923, 0.3223, 0.3196



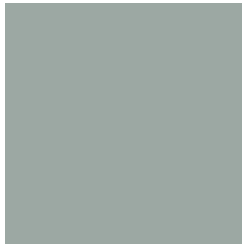
6.6308, 0.5267, 0.2675



0.1716, 0.4434, 0.2216

Previews

White Background



This preview shows how the Yxy color 37.7175, 0.3060, 0.3363 looks on a white background.

Color Contrast Check

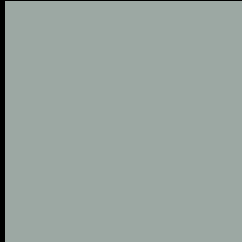
Large Text (above 18pt) WCAG AA × Fail

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 37.7175, 0.3060, 0.3363 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

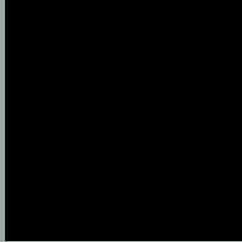
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

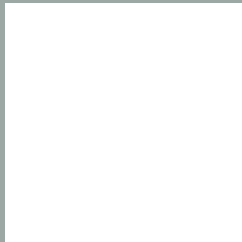
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 37.7175, 0.3060, 0.3363

Background



This preview shows how black text looks on a background with the Yxy color 37.7175, 0.3060, 0.3363.



This preview shows how white text looks on a background with the Yxy color 37.7175, 0.3060, 0.3363.

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

37.7175, 0.3060, 0.3363

Protanopia

37.5591, 0.3201, 0.3333

Deuteranopia

37.6820, 0.3285, 0.3222



Tritanopia

37.8980, 0.2956, 0.3106

Trichromacy



Original Color

37.7175, 0.3060, 0.3363

Protanomaly

37.4114, 0.3144, 0.3333

Deuteranomaly

37.6454, 0.3204, 0.3276

Tritanomaly

37.9237, 0.2996, 0.3204

Monochromacy



Original Color

37.7175, 0.3060, 0.3363

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

37.1677, 0.3099, 0.3304

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.7175, 0.3060, 0.3363 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, 168, 163)` looks like.

```
.text, #text, p{  
    color:rgb(156, 168, 163)  
}
```

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, 168, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 168, 163) }
```

Border

The CSS property to change the border of an element to Yxy 37.7175, 0.3060, 0.3363 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, 168, 163) }
```

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

```
.border{ border-color:rgb(156, 168, 163) }
```

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

Here you see how a box with a 4 pixel rgb(156, 168, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 168, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 168, 163);  
box-shadow:4px 4px 4px 4px rgb(156, 168,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 37.7175, 0.3060, 0.3363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 168, 163) }
```

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

```
.background{ background-color: rgb(156,  
168, 163) }
```

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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