

Converting Colors

$Yxy(37.3596, 0.3060, 0.3597)$

Have a look what the booklet for
Yxy(37.3596, 0.3060, 0.3597)
contains.

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Color

Yxy(37.3799, 0.3060, 0.3593)

Conversions

Conversions Part 1

Format	Color
Hex	91AB97
RGB	145, 171, 151
RGB Percent	57%, 67%, 59%
CMY	0.4311, 0.3295, 0.4078
CMYK	0.15, 0.00, 0.12, 0.33
HSL	134°, 13%, 62%
HSV	134°, 15%, 67%
XYZ	31.8348, 37.3799, 34.8206
YIQ	160.9460, -9.0760, -11.7320

Conversions

Conversions Part 2

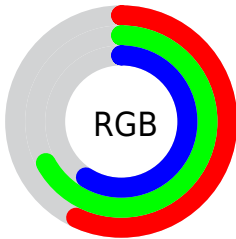
Format	Color
RYB	145, 166, 171
Decimal	9546647
CIELab	67.56, -12.94, 7.30
CIELCh	68, 14.859, 150.568
Yxy	37.3799, 0.3060, 0.3593
Android (android.graphics.Color)	4287736727 (0xFF91AB97)
YUV	160.9460, -4.9034, -13.9846
Hunter-Lab	61.1391, -14.0494, 9.0299

Details

The Yxy color **37.3799, 0.3060, 0.3593** is a light color, and the websafe version is hex **669999**. A complement of this color would be **31.6447, 0.3202, 0.3005**, and the grayscale version is **35.6465, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.9426, 0.3075, 0.3531**, and **16.4934, 0.3034, 0.3704** is the 20% darker color. If you saturate the color by 10%, you get **35.5380, 0.3016, 0.3824**, and if you desaturate by 10%, it is **39.5067, 0.3104, 0.3387**.

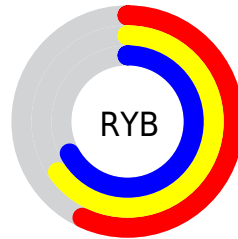
Distribution



Red (57%)

Green (67%)

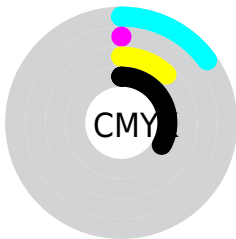
Blue (59%)



Red (57%)

Yellow (65%)

Blue (67%)

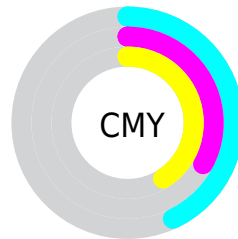


Cyan (15%)

Magenta (0%)

Yellow (12%)

Black (33%)



Cyan (43%)


Magenta (33%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.3799, 0.3060, 0.3593 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 37.3799, 0.3060, 0.3593 by changing the saturation by 10% instead.


 37.3799, 0.3060,
0.3593


 37.3799, 0.3060,
0.3593


334.9524, 0.3096,
0.3433

 25.5018, 0.3050,
0.3636


 71.1567, 0.3074,
0.3533

 16.4513, 0.3036,
0.3694


 93.8241, 0.3079,
0.3511

 9.8441, 0.3017,
0.3774


120.8568, 0.3083,
0.3492

 5.2957, 0.2987,
0.3894

152.6391, 0.3087,
0.3477

 2.4218, 0.2936,
0.4092

189.5554, 0.3090,
0.3463

 0.8371, 0.2793,
0.4873

231.9901, 0.3092,

 0.0000, 0.0000,

0.3452

0.0000

280.3276, 0.3094,
0.3442

■ 37.3799, 0.3060,
0.3593

■ 37.3799, 0.3060,
0.3593

■ 35.5380, 0.3016,
0.3824

■ 39.5067, 0.3104,
0.3387

■ 33.9641, 0.2975,
0.4078

■ 41.9248, 0.3148,
0.3205

■ 32.6471, 0.2939,
0.4352

■ 44.6464, 0.3191,
0.3046

■ 31.5730, 0.2911,
0.4638

■ 47.6817, 0.3231,
0.2907

■ 30.7266, 0.2893,
0.4926

■ 51.0402, 0.3269,
0.2786

■ 30.0909, 0.2887,
0.5202

■ 54.7312, 0.3305,
0.2682

■ 29.6462, 0.2896,
0.5449

■ 56.8663, 0.3258,
0.2573

■ 29.3688, 0.2917,
0.5655

■ 57.6012, 0.3166,
0.2469

■ 29.2693, 0.2927,
0.5739

Harmonies

Analogous

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



37.3799, 0.3284, 0.3682



37.3799, 0.3060, 0.3593



37.3799, 0.2859, 0.3413

Triad

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



37.3799, 0.3060, 0.3593



37.3799, 0.2788, 0.2930



37.3799, 0.3540, 0.3354

Complementary

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



37.3799, 0.3060, 0.3593



31.6447, 0.3202, 0.3005

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.



37.3799, 0.3397, 0.3166



37.3799, 0.3060, 0.3593



37.3799, 0.2960, 0.2927

Square

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



37.3799, 0.3060, 0.3593



37.3799, 0.2706, 0.3027



37.3799, 0.3183, 0.3012



37.3799, 0.3566, 0.3533

Rectangle

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



37.3799, 0.3060, 0.3593



37.3799, 0.2763, 0.3272



37.3799, 0.3183, 0.3012



37.3799, 0.3503, 0.3290

Sweetspot

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



37.3815, 0.3060, 0.3593



70.7955, 0.3105, 0.3385



39.2066, 0.3296, 0.3664



15.7260, 0.3102, 0.3399



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.



37.3815, 0.3060, 0.3593



65.8631, 0.3046, 0.3663



37.8141, 0.2959, 0.3399



8.9684, 0.3086, 0.3469



22.0752, 0.2923, 0.5723



0.6224, 0.2762, 0.5142

Inverse Universe

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



31.6447, 0.3202, 0.3005



53.7159, 0.3220, 0.2944



31.2071, 0.3329, 0.3184



8.1161, 0.3171, 0.3117



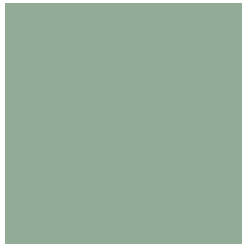
7.7858, 0.3878, 0.1910



0.2242, 0.3639, 0.1778

Previews

White Background



This preview shows how the Yxy color 37.3799, 0.3060, 0.3593 looks on a white background.

Color Contrast Check

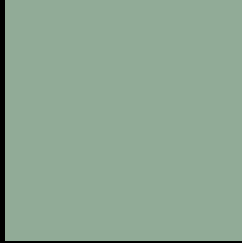
Large Text (above 18pt) WCAG AA × Fail

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 37.3799, 0.3060, 0.3593 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

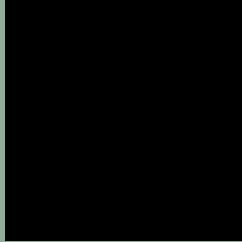
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

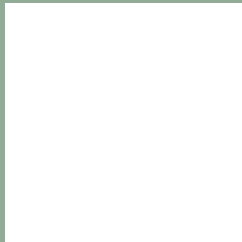
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 37.3799, 0.3060, 0.3593

Background



This preview shows how black text looks on a background with the Yxy color 37.3799, 0.3060, 0.3593.



This preview shows how white text looks on a background with the Yxy color 37.3799, 0.3060, 0.3593.

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

37.3799, 0.3060, 0.3593

Protanopia

37.3154, 0.3346, 0.3534

Deuteranopia

37.3197, 0.3420, 0.3359



Tritanopia

37.4168, 0.2871, 0.3102

Trichromacy



Original Color

37.3799, 0.3060, 0.3593

Protanomaly

37.4569, 0.3245, 0.3568

Deuteranomaly

37.0403, 0.3284, 0.3433

Tritanomaly

37.1657, 0.2941, 0.3275

Monochromacy



Original Color

37.3799, 0.3060, 0.3593

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

36.3132, 0.3103, 0.3409

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.3799, 0.3060, 0.3593 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(145, 171, 151)` looks like.

```
.text, #text, p{  
    color:rgb(145, 171, 151)  
}
```

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(145, 171, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 171, 151) }
```

Border

The CSS property to change the border of an element to Yxy 37.3799, 0.3060, 0.3593 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(145, 171, 151) }
```

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

```
.border{ border-color:rgb(145, 171, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 171, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 171, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 171, 151);  
box-shadow:4px 4px 4px 4px rgb(145, 171,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 37.3799, 0.3060, 0.3593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 171, 151) }
```

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

```
.background{ background-color: rgb(145,  
171, 151) }
```

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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