

Converting Colors

$Yxy(37.4335, 0.3061, 0.3743)$

Have a look what the booklet for
Yxy(37.4335, 0.3061, 0.3743)
contains.

Yxy(37.3897, 0.3062, 0.3739)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(37.3897, 0.3062, 0.3739)

Conversions

Conversions Part 1

Format	Color
Hex	8BAD90
RGB	139, 173, 144
RGB Percent	55%, 68%, 56%
CMY	0.4551, 0.3215, 0.4353
CMYK	0.20, 0.00, 0.17, 0.32
HSL	129°, 17%, 61%
HSV	129°, 20%, 68%
XYZ	30.6198, 37.3897, 31.9897
YIQ	159.5280, -10.9550, -16.2270

Conversions

Conversions Part 2

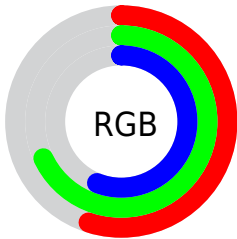
Format	Color
RYB	139, 169, 173
Decimal	9153936
CIELab	67.57, -17.45, 11.13
CIELCh	68, 20.693, 147.476
Yxy	37.3897, 0.3062, 0.3739
Android (android.graphics.Color)	4287344016 (0xFF8BAD90)
YUV	159.5280, -7.6553, -18.0031
Hunter-Lab	61.1471, -17.6226, 11.7848

Details

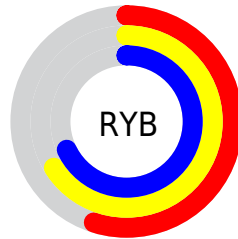
The Yxy color **37.3897, 0.3062, 0.3739** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **30.1644, 0.3200, 0.2879**, and the grayscale version is **34.9623, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.4533, 0.3076, 0.3651**, and **16.5576, 0.3028, 0.3892** is the 20% darker color. If you saturate the color by 10%, you get **35.5968, 0.3029, 0.4008**, and if you desaturate by 10%, it is **39.4802, 0.3095, 0.3497**.

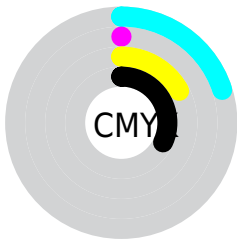
Distribution



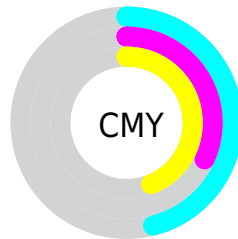
- Red (55%)
- Green (68%)
- Blue (56%)



- Red (55%)
- Yellow (66%)
- Blue (68%)



- Cyan (20%)
- Magenta (0%)
- Yellow (17%)
- Black (32%)





- Cyan (46%)
- Magenta (32%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 37.3897, 0.3062, 0.3739 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 37.3897, 0.3062, 0.3739 by changing the saturation by 10% instead.


 37.3897, 0.3062,
0.3739


 37.3897, 0.3062,
0.3739


334.9946, 0.3099,
0.3500


 25.5094, 0.3051,
0.3804


 71.1717, 0.3077,
0.3648

 16.4570, 0.3036,
0.3891


 93.8422, 0.3082,
0.3615

 9.8481, 0.3013,
0.4013


 120.8782, 0.3086,
0.3588

 5.2983, 0.2977,
0.4197

152.6641, 0.3089,
0.3565

 2.4234, 0.2911,
0.4504

189.5843, 0.3092,
0.3545

 0.8379, 0.2759,
0.6240

232.0232, 0.3095,

 0.0000, 0.0000,

0.3528

0.0000

280.3652, 0.3097,
0.3513

■ 37.3897, 0.3062,
0.3739

■ 37.3897, 0.3062,
0.3739

■ 35.5968, 0.3029,
0.4008

■ 39.4802, 0.3095,
0.3497

■ 34.0836, 0.2999,
0.4301

■ 41.8761, 0.3128,
0.3284

■ 32.8371, 0.2972,
0.4610

■ 44.5908, 0.3160,
0.3097

■ 31.8419, 0.2952,
0.4923

■ 47.6353, 0.3189,
0.2934

■ 31.0806, 0.2941,
0.5223

■ 51.0202, 0.3217,
0.2793

■ 30.5337, 0.2940,
0.5492

■ 54.7557, 0.3243,
0.2672

■ 30.1784, 0.2950,
0.5710

■ 57.8779, 0.3225,
0.2557

■ 29.9709, 0.2964,
0.5867

■ 58.3723, 0.3165,
0.2488

■ 29.9653, 0.2964,
0.5871

Harmonies

Analogous

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



37.3897, 0.3372, 0.3846



37.3897, 0.3062, 0.3739



37.3897, 0.2779, 0.3491

Triad

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



37.3897, 0.3062, 0.3739



37.3897, 0.2641, 0.2800



37.3897, 0.3690, 0.3345

Complementary

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



37.3897, 0.3062, 0.3739



30.1644, 0.3200, 0.2879

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.



37.3897, 0.3475, 0.3093



37.3897, 0.3062, 0.3739



37.3897, 0.2865, 0.2787

Square

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



37.3897, 0.3062, 0.3739



37.3897, 0.2545, 0.2942



37.3897, 0.3169, 0.2893



37.3897, 0.3745, 0.3596

Rectangle

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



37.3897, 0.3062, 0.3739



37.3897, 0.2642, 0.3291



37.3897, 0.3169, 0.2893



37.3897, 0.3634, 0.3258

Sweetspot

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



37.3913, 0.3062, 0.3739



72.1666, 0.3107, 0.3418



40.1319, 0.3374, 0.3777



15.6268, 0.3105, 0.3431



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.



37.3913, 0.3062, 0.3739



65.3689, 0.3046, 0.3863



37.9341, 0.2932, 0.3479



8.9580, 0.3097, 0.3489



22.0157, 0.2961, 0.5859



0.6183, 0.2837, 0.5413

Inverse Universe

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



30.1644, 0.3200, 0.2879



49.8447, 0.3220, 0.2777



29.5874, 0.3372, 0.3109



8.1274, 0.3159, 0.3099



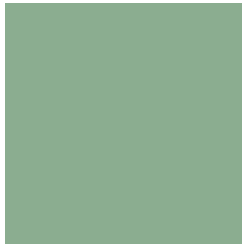
8.0894, 0.3616, 0.1765



0.2305, 0.3475, 0.1688

Previews

White Background



This preview shows how the Yxy color 37.3897, 0.3062, 0.3739 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 37.3897, 0.3062, 0.3739 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

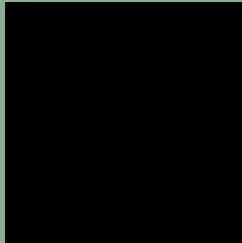
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.3897, 0.3062, 0.3739

Background



This preview shows how black text looks on a background with the Yxy color 37.3897, 0.3062, 0.3739.



This preview shows how white text looks on a background with the Yxy color 37.3897, 0.3062, 0.3739.

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

37.3897, 0.3062, 0.3739

Protanopia

37.2992, 0.3440, 0.3648

Deuteranopia

36.9994, 0.3511, 0.3442



Tritanopia

37.3612, 0.2823, 0.3100

Trichromacy



Original Color

37.3897, 0.3062, 0.3739

Protanomaly

37.1376, 0.3297, 0.3674

Deuteranomaly

36.7047, 0.3338, 0.3536

Tritanomaly

37.4162, 0.2907, 0.3319

Monochromacy



Original Color

37.3897, 0.3062, 0.3739

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

35.9188, 0.3101, 0.3455

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.3897, 0.3062, 0.3739 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(139, 173, 144)` looks like.

```
.text, #text, p{  
    color:rgb(139, 173, 144)  
}
```

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(139, 173, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 173, 144) }
```

Border

The CSS property to change the border of an element to Yxy 37.3897, 0.3062, 0.3739 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(139, 173, 144) }
```

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

```
.border{ border-color:rgb(139, 173, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 173, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 173, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 173, 144);  
box-shadow:4px 4px 4px 4px rgb(139, 173,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 37.3897, 0.3062, 0.3739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 173, 144) }
```

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

```
.background{ background-color: rgb(139,  
173, 144) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor