

Converting Colors

$Y_{xy}(39.2527, 0.3115, 0.3550)$

Have a look what the booklet for
Yxy(39.2527, 0.3115, 0.3550)
contains.

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Color

Yxy(39.2223, 0.3115, 0.3554)

Conversions

Conversions Part 1

Format	Color
Hex	9BAD9B
RGB	155, 173, 155
RGB Percent	61%, 68%, 61%
CMY	0.3921, 0.3216, 0.3922
CMYK	0.10, 0.00, 0.10, 0.32
HSL	120°, 10%, 64%
HSV	120°, 10%, 68%
XYZ	34.3775, 39.2223, 36.7612
YIQ	165.5660, -4.9500, -9.4140

Conversions

Conversions Part 2

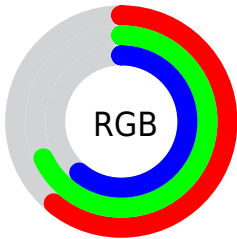
Format	Color
RYB	155, 173, 173
Decimal	10202523
CIELab	68.91, -9.76, 7.14
CIElCh	69, 12.086, 143.816
Yxy	39.2223, 0.3115, 0.3554
Android (android.graphics.Color)	4288392603 (0xFF9BAD9B)
YUV	165.5660, -5.2090, -9.2664
Hunter-Lab	62.6277, -11.6167, 9.0373

Details

The Yxy color **39.2223, 0.3115, 0.3554** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.3362, 0.3139, 0.3039**, and the grayscale version is **37.9412, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.7919, 0.3124, 0.3502**, and **17.6173, 0.3111, 0.3642** is the 20% darker color. If you saturate the color by 10%, you get **37.0949, 0.3102, 0.3842**, and if you desaturate by 10%, it is **41.6809, 0.3127, 0.3300**.

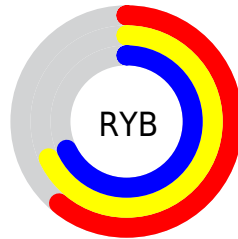
Distribution



Red (61%)

Green (68%)

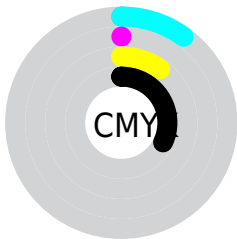
Blue (61%)



Red (61%)

Yellow (68%)

Blue (68%)

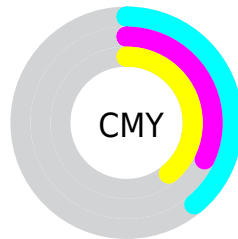


Cyan (10%)

Magenta (0%)

Yellow (10%)

Black (32%)



Cyan (39%)


Magenta (32%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.2223, 0.3115, 0.3554 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 39.2223, 0.3115, 0.3554 by changing the saturation by 10% instead.


 39.2223, 0.3115,
0.3554


 39.2223, 0.3115,
0.3554


342.8347, 0.3122,
0.3416

 26.9327, 0.3113,
0.3591


 73.9778, 0.3118,
0.3502

 17.5227, 0.3109,
0.3639


 97.2125, 0.3119,
0.3483

 10.6079, 0.3104,
0.3706


124.8643, 0.3120,
0.3468

 5.8038, 0.3096,
0.3804

157.3177, 0.3121,
0.3454

 2.7262, 0.3081,
0.3963

194.9571, 0.3121,
0.3443

 0.9905, 0.3088,
0.4372

238.1667, 0.3122,

 0.0000, 0.0000,

0.3433

0.0000

287.3312, 0.3122,
0.3424

■ 39.2223, 0.3115,
0.3554

■ 39.2223, 0.3115,
0.3554

■ 37.0949, 0.3102,
0.3842

■ 41.6809, 0.3127,
0.3300

■ 35.2797, 0.3087,
0.4162

■ 44.4788, 0.3137,
0.3079

■ 33.7637, 0.3071,
0.4506

■ 47.6298, 0.3146,
0.2888

■ 32.5308, 0.3054,
0.4860

■ 51.1458, 0.3153,
0.2724

■ 31.5635, 0.3038,
0.5203

■ 55.0378, 0.3160,
0.2584

■ 30.8422, 0.3024,
0.5509

■ 58.3685, 0.3165,
0.2488

■ 30.3447, 0.3012,
0.5751

■ 30.0451, 0.3005,
0.5912

■ 29.8901, 0.3000,
0.6000

Harmonies

Analogous

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



39.2223, 0.3292, 0.3606



39.2223, 0.3115, 0.3554



39.2223, 0.2945, 0.3425

Triad

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



39.2223, 0.3115, 0.3554



39.2223, 0.2832, 0.3012



39.2223, 0.3438, 0.3308

Complementary

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



39.2223, 0.3115, 0.3554



35.3362, 0.3139, 0.3039

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.



39.2223, 0.3308, 0.3159



39.2223, 0.3115, 0.3554



39.2223, 0.2958, 0.2991

Square

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



39.2223, 0.3115, 0.3554



39.2223, 0.2785, 0.3108



39.2223, 0.3131, 0.3045



39.2223, 0.3482, 0.3457

Rectangle

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



39.2223, 0.3115, 0.3554



39.2223, 0.2857, 0.3315



39.2223, 0.3131, 0.3045



39.2223, 0.3403, 0.3257

Sweetspot

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



39.2240, 0.3115, 0.3554



73.4269, 0.3124, 0.3364



41.0241, 0.3280, 0.3537



15.8796, 0.3123, 0.3383



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.



39.2240, 0.3115, 0.3554



69.5187, 0.3113, 0.3603



39.5247, 0.3044, 0.3425



8.9399, 0.3116, 0.3524



21.9580, 0.3000, 0.6000



0.6110, 0.3002, 0.5998

Inverse Universe

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



35.3362, 0.3139, 0.3039



61.4560, 0.3141, 0.2995



35.0128, 0.3219, 0.3159



8.1475, 0.3137, 0.3066



8.7232, 0.3206, 0.1540



0.2429, 0.3207, 0.1540

Previews

White Background



This preview shows how the Yxy color 39.2223, 0.3115, 0.3554 looks on a white background.

Color Contrast Check

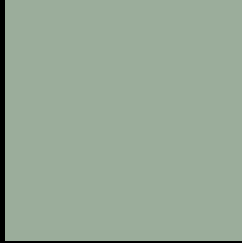
Large Text (above 18pt) WCAG AA × Fail

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 39.2223, 0.3115, 0.3554 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

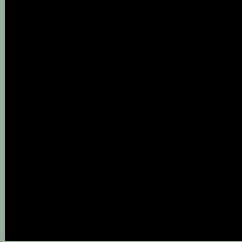
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

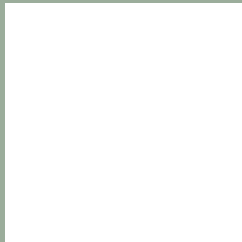
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.2223, 0.3115, 0.3554

Background



This preview shows how black text looks on a background with the Yxy color 39.2223, 0.3115, 0.3554.



This preview shows how white text looks on a background with the Yxy color 39.2223, 0.3115, 0.3554.

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

39.2223, 0.3115, 0.3554

Protanopia

39.0184, 0.3334, 0.3501

Deuteranopia

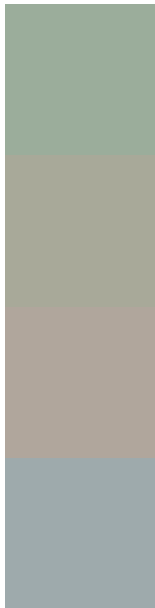
38.9663, 0.3425, 0.3358



Tritanopia

39.1243, 0.2933, 0.3107

Trichromacy



Original Color

39.2223, 0.3115, 0.3554

Protanomaly

39.0007, 0.3255, 0.3518

Deuteranomaly

38.9028, 0.3310, 0.3430

Tritanomaly

38.9971, 0.3004, 0.3261

Monochromacy



Original Color

39.2223, 0.3115, 0.3554

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

38.6660, 0.3122, 0.3390

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.2223, 0.3115, 0.3554 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(155, 173, 155)` looks like.

```
.text, #text, p{  
    color:rgb(155, 173, 155)  
}
```

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(155, 173, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 173, 155) }
```

Border

The CSS property to change the border of an element to Yxy 39.2223, 0.3115, 0.3554 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(155, 173, 155) }
```

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

```
.border{ border-color:rgb(155, 173, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 173, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 173, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 173, 155);  
box-shadow:4px 4px 4px 4px rgb(155, 173,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 39.2223, 0.3115, 0.3554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 173, 155) }
```

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

```
.background{ background-color: rgb(155,  
173, 155) }
```

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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