

Converting Colors

$Y_{xy}(39.5213, 0.3095, 0.3501)$

Have a look what the booklet for
Yxy(39.5213, 0.3095, 0.3501)
contains.

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Color

Yxy(39.4583, 0.3091, 0.3494)

Conversions

Conversions Part 1

Format	Color
Hex	9CAD9F
RGB	156, 173, 159
RGB Percent	61%, 68%, 62%
CMY	0.3883, 0.3215, 0.3766
CMYK	0.10, 0.00, 0.08, 0.32
HSL	131°, 9%, 65%
HSV	131°, 10%, 68%
XYZ	34.9072, 39.4583, 38.5661
YIQ	166.3210, -5.6380, -7.9580

Conversions

Conversions Part 2

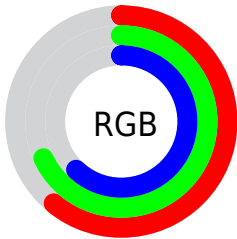
Format	Color
RYB	156, 170, 173
Decimal	10268063
CIELab	69.08, -8.67, 5.19
CIELCh	69, 10.100, 149.108
Yxy	39.4583, 0.3091, 0.3494
Android (android.graphics.Color)	4288458143 (0xFF9CAD9F)
YUV	166.3210, -3.6093, -9.0515
Hunter-Lab	62.8158, -10.7342, 7.5697

Details

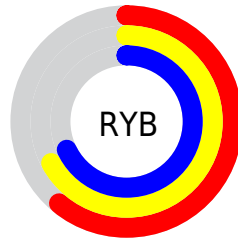
The Yxy color **39.4583, 0.3091, 0.3494** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.5586, 0.3166, 0.3094**, and the grayscale version is **38.3151, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.1907, 0.3099, 0.3445**, and **17.7607, 0.3078, 0.3557** is the 20% darker color. If you saturate the color by 10%, you get **37.3887, 0.3054, 0.3728**, and if you desaturate by 10%, it is **41.8342, 0.3128, 0.3287**.

Distribution



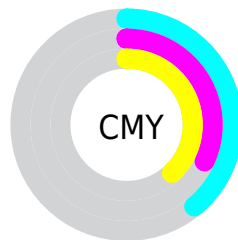
- Red (61%)
- Green (68%)
- Blue (62%)



- Red (61%)
- Yellow (67%)
- Blue (68%)



- Cyan (10%)
- Magenta (0%)
- Yellow (8%)
- Black (32%)





- Cyan (39%)
- Magenta (32%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.4583, 0.3091, 0.3494 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 39.4583, 0.3091, 0.3494 by changing the saturation by 10% instead.

 39.4583, 0.3091,
0.3494


 39.4583, 0.3091,
0.3494

343.8351, 0.3110,
0.3388

 27.1164, 0.3086,
0.3522


 74.3379, 0.3098,
0.3454

 17.6607, 0.3079,
0.3559


 97.6445, 0.3101,
0.3440

 10.7067, 0.3069,
0.3610


125.3747, 0.3103,
0.3428

 5.8699, 0.3054,
0.3685

157.9130, 0.3105,
0.3417

 2.7662, 0.3029,
0.3805

195.6439, 0.3107,
0.3408

 1.0109, 0.2992,
0.4065

238.9515, 0.3108,

 0.0000, 0.0000,

0.3401

0.0000

288.2205, 0.3109,
0.3394

■ 39.4583, 0.3091,
0.3494

■ 39.4583, 0.3091,
0.3494

■ 37.3887, 0.3054,
0.3728

■ 41.8342, 0.3128,
0.3287

■ 35.6081, 0.3018,
0.3988

■ 44.5229, 0.3163,
0.3106

■ 34.1050, 0.2984,
0.4271

■ 47.5370, 0.3197,
0.2948

■ 32.8654, 0.2956,
0.4571

■ 50.8870, 0.3228,
0.2811

■ 31.8738, 0.2935,
0.4876

■ 54.5829, 0.3258,
0.2692

■ 31.1132, 0.2924,
0.5172

■ 57.7149, 0.3246,
0.2581

■ 30.5644, 0.2924,
0.5440

■ 58.3717, 0.3165,
0.2488

■ 30.2050, 0.2936,
0.5662

■ 29.9906, 0.2953,
0.5830

Harmonies

Analogous

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



39.4583, 0.3241, 0.3550



39.4583, 0.3091, 0.3494



39.4583, 0.2954, 0.3379

Triad

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



39.4583, 0.3091, 0.3494



39.4583, 0.2895, 0.3050



39.4583, 0.3398, 0.3329

Complementary

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



39.4583, 0.3091, 0.3494



35.5586, 0.3166, 0.3094

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.



39.4583, 0.3301, 0.3202



39.4583, 0.3091, 0.3494



39.4583, 0.3010, 0.3043

Square

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



39.4583, 0.3091, 0.3494



39.4583, 0.2842, 0.3121



39.4583, 0.3158, 0.3098



39.4583, 0.3420, 0.3450

Rectangle

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



39.4583, 0.3091, 0.3494



39.4583, 0.2887, 0.3287



39.4583, 0.3158, 0.3098



39.4583, 0.3373, 0.3286

Sweetspot

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



39.4600, 0.3091, 0.3494



73.4876, 0.3116, 0.3351



40.8566, 0.3244, 0.3529



15.8961, 0.3113, 0.3367



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.



39.4600, 0.3091, 0.3494



69.7349, 0.3082, 0.3547



39.7600, 0.3024, 0.3371



8.9615, 0.3093, 0.3482



22.0333, 0.2949, 0.5818



0.6197, 0.2810, 0.5317

Inverse Universe

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



35.5586, 0.3166, 0.3094



61.2079, 0.3176, 0.3046



35.2523, 0.3243, 0.3210



8.1235, 0.3163, 0.3105



7.9815, 0.3702, 0.1813



0.2283, 0.3530, 0.1718

Previews

White Background



This preview shows how the Yxy color 39.4583, 0.3091, 0.3494 looks on a white background.

Color Contrast Check

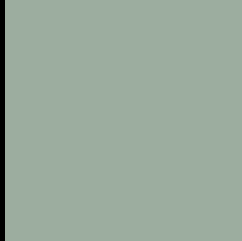
Large Text (above 18pt) WCAG AA × Fail

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 39.4583, 0.3091, 0.3494 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

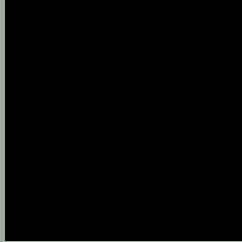
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

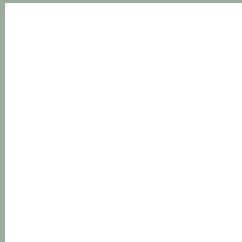
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.4583, 0.3091, 0.3494

Background



This preview shows how black text looks on a background with the Yxy color 39.4583, 0.3091, 0.3494.



This preview shows how white text looks on a background with the Yxy color 39.4583, 0.3091, 0.3494.

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

39.4583, 0.3091, 0.3494

Protanopia

39.4042, 0.3287, 0.3458

Deuteranopia

39.3324, 0.3376, 0.3318



Tritanopia

39.2684, 0.2934, 0.3094

Trichromacy



Original Color

39.4583, 0.3091, 0.3494

Protanomaly

39.3993, 0.3210, 0.3475

Deuteranomaly

39.4056, 0.3272, 0.3387

Tritanomaly

39.1764, 0.2997, 0.3233

Monochromacy



Original Color

39.4583, 0.3091, 0.3494

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

38.7017, 0.3114, 0.3376

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.4583, 0.3091, 0.3494 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, 173, 159)` looks like.

```
.text, #text, p{  
    color:rgb(156, 173, 159)  
}
```

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, 173, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 173, 159) }
```

Border

The CSS property to change the border of an element to Yxy 39.4583, 0.3091, 0.3494 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, 173, 159) }
```

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

```
.border{ border-color:rgb(156, 173, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 173, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 173, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 173, 159);  
box-shadow:4px 4px 4px 4px rgb(156, 173,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 39.4583, 0.3091, 0.3494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 173, 159) }
```

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

```
.background{ background-color: rgb(156,  
173, 159) }
```

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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