

Converting Colors

$Yxy(39.0189, 0.3101, 0.3421)$

Have a look what the booklet for
Yxy(39.0189, 0.3101, 0.3421)
contains.

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Color

Yxy(39.1054, 0.3094, 0.3420)

Conversions

Conversions Part 1

Format	Color
Hex	9FABA2
RGB	159, 171, 162
RGB Percent	62%, 67%, 64%
CMY	0.3766, 0.3294, 0.3648
CMYK	0.07, 0.00, 0.05, 0.33
HSL	135°, 7%, 65%
HSV	135°, 7%, 67%
XYZ	35.3778, 39.1054, 39.8601
YIQ	166.3860, -4.2630, -5.3430

Conversions

Conversions Part 2

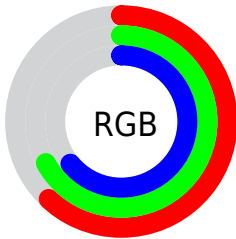
Format	Color
RYB	159, 169, 171
Decimal	10464162
CIELab	68.83, -5.97, 3.18
CIElCh	69, 6.764, 151.938
Yxy	39.1054, 0.3094, 0.3420
Android (android.graphics.Color)	4288654242 (0xFF9FABA2)
YUV	166.3860, -2.1623, -6.4775
Hunter-Lab	62.5343, -8.4515, 5.9819

Details

The Yxy color **39.1054, 0.3094, 0.3420** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.2740, 0.3162, 0.3163**, and the grayscale version is **38.3406, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.6986, 0.3102, 0.3389**, and **17.5076, 0.3094, 0.3473** is the 20% darker color. If you saturate the color by 10%, you get **37.0454, 0.3047, 0.3625**, and if you desaturate by 10%, it is **41.4571, 0.3141, 0.3239**.

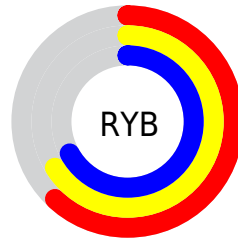
Distribution



Red (62%)

Green (67%)

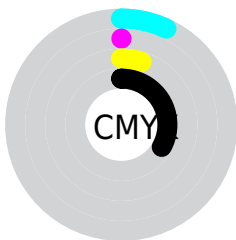
Blue (64%)



Red (62%)

Yellow (66%)

Blue (67%)

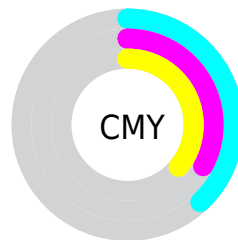


Cyan (7%)

Magenta (0%)

Yellow (5%)

Black (33%)



Cyan (38%)


Magenta (33%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.1054, 0.3094, 0.3420 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 39.1054, 0.3094, 0.3420 by changing the saturation by 10% instead.


 39.1054, 0.3094,
0.3420


 39.1054, 0.3094,
0.3420


342.3384, 0.3111,
0.3353

 26.8417, 0.3089,
0.3438


 73.7993, 0.3101,
0.3395

 17.4544, 0.3083,
0.3461


 96.9983, 0.3103,
0.3386

 10.5590, 0.3075,
0.3493

124.6113, 0.3105,
0.3378

 5.7711, 0.3062,
0.3540

157.0225, 0.3107,
0.3371

 2.7064, 0.3042,
0.3615

194.6164, 0.3108,
0.3366

 0.9805, 0.3006,
0.3763

237.7775, 0.3109,

 0.0000, 0.0000,

0.3361

0.0000

286.8900, 0.3110,
0.3356

■ 39.1054, 0.3094,
0.3420

■ 39.1054, 0.3094,
0.3420

■ 37.0454, 0.3047,
0.3625

■ 41.4571, 0.3141,
0.3239

■ 35.2609, 0.3001,
0.3854

■ 44.1060, 0.3187,
0.3080

■ 33.7414, 0.2958,
0.4105

■ 47.0641, 0.3230,
0.2941

■ 32.4742, 0.2921,
0.4374

■ 50.3408, 0.3272,
0.2820

■ 31.4451, 0.2893,
0.4654

■ 53.9454, 0.3311,
0.2715

■ 30.6389, 0.2877,
0.4935

■ 56.6169, 0.3293,
0.2612

■ 30.0382, 0.2874,
0.5204

■ 57.4013, 0.3191,
0.2498

■ 29.6232, 0.2886,
0.5444

■ 57.6105, 0.3166,
0.2469

■ 29.3653, 0.2909,
0.5645

Harmonies

Analogous

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



39.1054, 0.3195, 0.3462



39.1054, 0.3094, 0.3420



39.1054, 0.3003, 0.3342

Triad

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



39.1054, 0.3094, 0.3420



39.1054, 0.2977, 0.3126



39.1054, 0.3312, 0.3326

Complementary

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



39.1054, 0.3094, 0.3420



36.2740, 0.3162, 0.3163

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.



39.1054, 0.3252, 0.3238



39.1054, 0.3094, 0.3420



39.1054, 0.3058, 0.3124

Square

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



39.1054, 0.3094, 0.3420



39.1054, 0.2936, 0.3171



39.1054, 0.3158, 0.3165



39.1054, 0.3322, 0.3406

Rectangle

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



39.1054, 0.3094, 0.3420



39.1054, 0.2960, 0.3280



39.1054, 0.3158, 0.3165



39.1054, 0.3297, 0.3296

Sweetspot

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



39.1071, 0.3094, 0.3420



72.0674, 0.3118, 0.3326



39.9580, 0.3201, 0.3460



16.0818, 0.3118, 0.3324



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.



39.1071, 0.3094, 0.3420



69.5957, 0.3089, 0.3441



39.3261, 0.3045, 0.3333



8.9710, 0.3083, 0.3465



22.0944, 0.2911, 0.5681



0.6234, 0.2744, 0.5077

Inverse Universe

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



36.2740, 0.3162, 0.3163



63.7711, 0.3168, 0.3143



36.0550, 0.3217, 0.3248



8.1133, 0.3174, 0.3122



7.7141, 0.3950, 0.1950



0.2227, 0.3683, 0.1803

Previews

White Background



This preview shows how the Yxy color 39.1054, 0.3094, 0.3420 looks on a white background.

Color Contrast Check

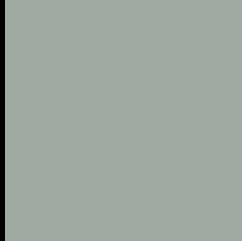
Large Text (above 18pt) WCAG AA × Fail

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 39.1054, 0.3094, 0.3420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

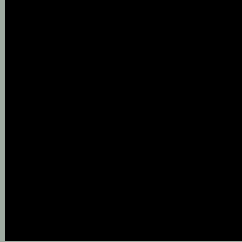
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

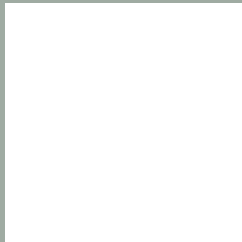
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.1054, 0.3094, 0.3420

Background



This preview shows how black text looks on a background with the Yxy color 39.1054, 0.3094, 0.3420.



This preview shows how white text looks on a background with the Yxy color 39.1054, 0.3094, 0.3420.

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

39.1054, 0.3094, 0.3420

Protanopia

39.0597, 0.3244, 0.3388

Deuteranopia

38.8353, 0.3330, 0.3264



Tritanopia

39.0228, 0.2966, 0.3108

Trichromacy



Original Color

39.1054, 0.3094, 0.3420

Protanomaly

38.9033, 0.3187, 0.3389

Deuteranomaly

38.7847, 0.3248, 0.3318

Tritanomaly

39.0090, 0.3014, 0.3219

Monochromacy



Original Color

39.1054, 0.3094, 0.3420

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

38.5084, 0.3107, 0.3333

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.1054, 0.3094, 0.3420 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(159, 171, 162)` looks like.

```
.text, #text, p{  
    color:rgb(159, 171, 162)  
}
```

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(159, 171, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 171, 162) }
```

Border

The CSS property to change the border of an element to Yxy 39.1054, 0.3094, 0.3420 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(159, 171, 162) }
```

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

```
.border{ border-color:rgb(159, 171, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 171, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 171, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 171, 162);  
box-shadow:4px 4px 4px 4px rgb(159, 171,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 39.1054, 0.3094, 0.3420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 171, 162) }
```

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

```
.background{ background-color: rgb(159,  
171, 162) }
```

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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