

Converting Colors

$Yxy(38.7277, 0.3073, 0.3550)$

Have a look what the booklet for
Yxy(38.7277, 0.3073, 0.3550)
contains.

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Color

Yxy(38.8330, 0.3079, 0.3556)

Conversions

Conversions Part 1

Format	Color
Hex	97AD9B
RGB	151, 173, 155
RGB Percent	59%, 68%, 61%
CMY	0.4079, 0.3216, 0.3920
CMYK	0.13, 0.00, 0.10, 0.32
HSL	131°, 12%, 64%
HSV	131°, 13%, 68%
XYZ	33.6240, 38.8330, 36.7472
YIQ	164.3700, -7.3340, -10.2620

Conversions

Conversions Part 2

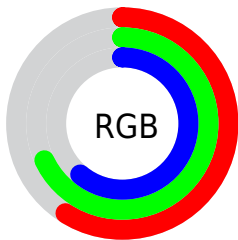
Format	Color
RYB	151, 170, 173
Decimal	9940379
CIELab	68.63, -11.16, 6.67
CIElCh	69, 13.002, 149.150
Yxy	38.8330, 0.3079, 0.3556
Android (android.graphics.Color)	4288130459 (0xFF97AD9B)
YUV	164.3700, -4.6194, -11.7255
Hunter-Lab	62.3161, -12.7398, 8.6586

Details

The Yxy color **38.8330, 0.3079, 0.3556** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.8801, 0.3179, 0.3038**, and the grayscale version is **37.3363, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.0694, 0.3090, 0.3504**, and **17.3835, 0.3062, 0.3648** is the 20% darker color. If you saturate the color by 10%, you get **36.8517, 0.3041, 0.3795**, and if you desaturate by 10%, it is **41.1161, 0.3117, 0.3343**.

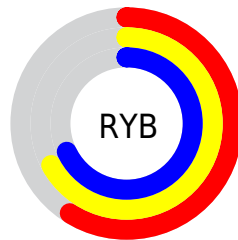
Distribution



Red (59%)

Green (68%)

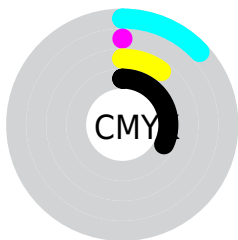
Blue (61%)



Red (59%)

Yellow (67%)

Blue (68%)

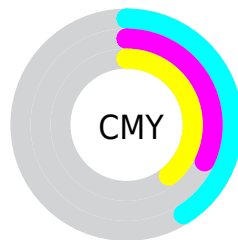


Cyan (13%)

Magenta (0%)

Yellow (10%)

Black (32%)



Cyan (41%)


Magenta (32%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.8330, 0.3079, 0.3556 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 38.8330, 0.3079, 0.3556 by changing the saturation by 10% instead.


 38.8330, 0.3079,
0.3556


 38.8330, 0.3079,
0.3556


341.1800, 0.3105,
0.3417

 26.6298, 0.3072,
0.3593


 73.3831, 0.3089,
0.3504

 17.2954, 0.3062,
0.3642


 96.4989, 0.3093,
0.3485

 10.4453, 0.3048,
0.3710


124.0210, 0.3096,
0.3469

 5.6952, 0.3028,
0.3811

156.3338, 0.3098,
0.3455

 2.6607, 0.2992,
0.3974

193.8217, 0.3100,
0.3443

 0.9573, 0.2933,
0.4417

236.8691, 0.3102,

 0.0000, 0.0000,

0.3433

0.0000

285.8604, 0.3104,
0.3424

■ 38.8330, 0.3079,
0.3556

■ 38.8330, 0.3079,
0.3556

■ 36.8517, 0.3041,
0.3795

■ 41.1161, 0.3117,
0.3343

■ 35.1547, 0.3005,
0.4060

■ 43.7077, 0.3154,
0.3156

■ 33.7304, 0.2972,
0.4346

■ 46.6205, 0.3189,
0.2993

■ 32.5644, 0.2944,
0.4647

■ 49.8650, 0.3222,
0.2852

■ 31.6409, 0.2926,
0.4949

■ 53.4514, 0.3254,
0.2729

■ 30.9425, 0.2918,
0.5237

■ 57.3892, 0.3282,
0.2623

■ 30.4493, 0.2922,
0.5494

■ 58.2991, 0.3173,
0.2498

■ 30.1377, 0.2937,
0.5702

■ 58.3680, 0.3165,
0.2488

■ 29.9908, 0.2950,
0.5820

Harmonies

Analogous

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



38.8330, 0.3273, 0.3629



38.8330, 0.3079, 0.3556



38.8330, 0.2902, 0.3405

Triad

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



38.8330, 0.3079, 0.3556



38.8330, 0.2828, 0.2980



38.8330, 0.3479, 0.3339

Complementary

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



38.8330, 0.3079, 0.3556



33.8801, 0.3179, 0.3038

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.



38.8330, 0.3353, 0.3176



38.8330, 0.3079, 0.3556



38.8330, 0.2975, 0.2973

Square

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



38.8330, 0.3079, 0.3556



38.8330, 0.2761, 0.3070



38.8330, 0.3167, 0.3044



38.8330, 0.3508, 0.3495

Rectangle

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



38.8330, 0.3079, 0.3556



38.8330, 0.2817, 0.3284



38.8330, 0.3167, 0.3044



38.8330, 0.3446, 0.3283

Sweetspot

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



38.8347, 0.3079, 0.3556



73.0513, 0.3112, 0.3371



40.5537, 0.3276, 0.3602



15.8076, 0.3109, 0.3386



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.



38.8347, 0.3079, 0.3556



68.5964, 0.3069, 0.3614



39.2214, 0.2991, 0.3391



8.9625, 0.3092, 0.3480



22.0385, 0.2946, 0.5806



0.6200, 0.2803, 0.5292

Inverse Universe

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



33.8801, 0.3179, 0.3038



58.1335, 0.3191, 0.2986



33.4842, 0.3285, 0.3191



8.1225, 0.3164, 0.3107



7.9534, 0.3726, 0.1826



0.2277, 0.3544, 0.1726

Previews

White Background



This preview shows how the Yxy color 38.8330, 0.3079, 0.3556 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 38.8330, 0.3079, 0.3556 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

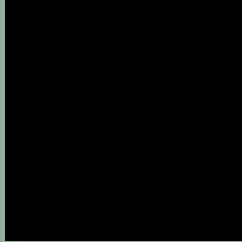
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

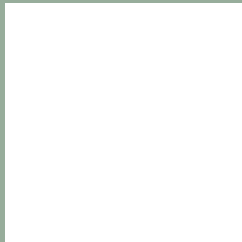
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 38.8330, 0.3079, 0.3556

Background



This preview shows how black text looks on a background with the Yxy color 38.8330, 0.3079, 0.3556.



This preview shows how white text looks on a background with the Yxy color 38.8330, 0.3079, 0.3556.

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

38.8330, 0.3079, 0.3556

Protanopia

38.9031, 0.3325, 0.3501

Deuteranopia

38.4889, 0.3417, 0.3345



Tritanopia

38.8213, 0.2907, 0.3106

Trichromacy



Original Color

38.8330, 0.3079, 0.3556

Protanomaly

38.7828, 0.3237, 0.3520

Deuteranomaly

38.3092, 0.3292, 0.3417

Tritanomaly

38.5980, 0.2969, 0.3261

Monochromacy



Original Color

38.8330, 0.3079, 0.3556

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

37.5816, 0.3105, 0.3377

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.8330, 0.3079, 0.3556 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(151, 173, 155)` looks like.

```
.text, #text, p{  
    color:rgb(151, 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(151, 173, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 173, 155) }
```

Border

The CSS property to change the border of an element to Yxy 38.8330, 0.3079, 0.3556 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(151, 173, 155) }
```

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

```
.border{ border-color:rgb(151, 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(151, 173, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 173, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 173, 155);  
box-shadow:4px 4px 4px 4px rgb(151, 173,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 38.8330, 0.3079, 0.3556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 173, 155) }
```

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

```
.background{ background-color: rgb(151,  
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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