

Converting Colors

Yxy(38.7041, 0.3027, 0.3321)

Have a look what the booklet for
Yxy(38.7041, 0.3027, 0.3321)
contains.

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Color

Yxy(38.7447, 0.3028, 0.3319)

Conversions

Conversions Part 1

Format	Color
Hex	9DAAA8
RGB	157, 170, 168
RGB Percent	62%, 67%, 66%
CMY	0.3842, 0.3333, 0.3413
CMYK	0.08, 0.00, 0.01, 0.33
HSL	171°, 7%, 64%
HSV	171°, 8%, 67%
XYZ	35.3477, 38.7447, 42.6437
YIQ	165.8850, -7.1060, -3.3780

Conversions

Conversions Part 2

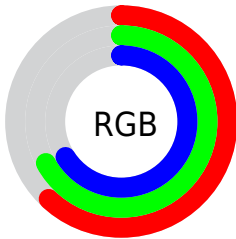
Format	Color
R _Y B	157, 164, 170
Decimal	10332840
CIE Lab	68.57, -4.94, -0.52
CIE LCh	69, 4.971, 186.062
Yxy	38.7447, 0.3028, 0.3319
Android (android.graphics.Color)	4288522920 (0xFF9DAAA8)
YUV	165.8850, 1.0427, -7.7921
Hunter-Lab	62.2452, -7.5630, 2.9526

Details

The Yxy color **38.7447, 0.3028, 0.3319** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.1732, 0.3236, 0.3261**, and the grayscale version is **38.0737, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.1752, 0.3050, 0.3312**, and **17.2820, 0.3001, 0.3330** is the 20% darker color. If you saturate the color by 10%, you get **37.0550, 0.2903, 0.3360**, and if you desaturate by 10%, it is **40.6777, 0.3158, 0.3281**.

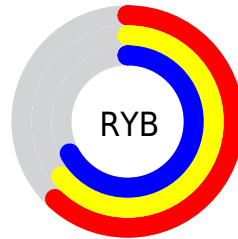
Distribution



Red (62%)

Green (67%)

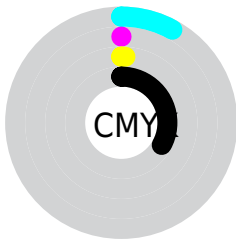
Blue (66%)



Red (62%)

Yellow (64%)

Blue (67%)

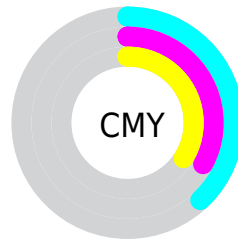


Cyan (8%)

Magenta (0%)

Yellow (1%)

Black (33%)



Cyan (38%)


Magenta (33%)

Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.7447, 0.3028, 0.3319 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 38.7447, 0.3028, 0.3319 by changing the saturation by 10% instead.


 38.7447, 0.3028,
0.3319


 38.7447, 0.3028,
0.3319


340.8038, 0.3079,
0.3304

 26.5612, 0.3015,
0.3323


 73.2481, 0.3047,
0.3314

 17.2439, 0.2997,
0.3328


 96.3369, 0.3054,
0.3312

 10.4086, 0.2974,
0.3335


123.8294, 0.3060,
0.3310

 5.6707, 0.2939,
0.3344

156.1102, 0.3065,
0.3308

 2.6459, 0.2886,
0.3359

193.5637, 0.3069,
0.3307

 0.9498, 0.2785,
0.3388

236.5742, 0.3073,

 0.0000, 0.0000,

0.3306

0.0000

285.5261, 0.3076,
0.3305

■ 38.7447, 0.3028,
0.3319

■ 38.7447, 0.3028,
0.3319

■ 37.0550, 0.2903,
0.3360

■ 40.6777, 0.3158,
0.3281

■ 35.5938, 0.2786,
0.3405

■ 42.8582, 0.3292,
0.3248

■ 34.3524, 0.2680,
0.3453

■ 45.2967, 0.3426,
0.3217

■ 33.3195, 0.2588,
0.3504

■ 48.0013, 0.3559,
0.3191

■ 32.4827, 0.2511,
0.3557

■ 50.9801, 0.3689,
0.3168

■ 31.8286, 0.2453,
0.3611

■ 53.4695, 0.3780,
0.3145

■ 31.3419, 0.2413,
0.3666

■ 53.5824, 0.3755,
0.3117

■ 31.0046, 0.2391,
0.3722

■ 53.6974, 0.3730,
0.3090

■ 30.7884, 0.2386,
0.3776

■ 53.8146, 0.3706,
0.3062

Harmonies

Analogous

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



38.7447, 0.3093, 0.3379



38.7447, 0.3028, 0.3319



38.7447, 0.2990, 0.3252

Triad

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



38.7447, 0.3028, 0.3319



38.7447, 0.3086, 0.3170



38.7447, 0.3268, 0.3382

Complementary

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



38.7447, 0.3028, 0.3319



35.1732, 0.3236, 0.3261

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.



38.7447, 0.3267, 0.3326



38.7447, 0.3028, 0.3319



38.7447, 0.3161, 0.3204

Square

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



38.7447, 0.3028, 0.3319



38.7447, 0.3023, 0.3167



38.7447, 0.3227, 0.3261



38.7447, 0.3232, 0.3415

Rectangle

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



38.7447, 0.3028, 0.3319



38.7447, 0.2984, 0.3213



38.7447, 0.3227, 0.3261



38.7447, 0.3272, 0.3365

Sweetspot

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



38.7463, 0.3028, 0.3319



72.2067, 0.3100, 0.3298



38.5751, 0.3138, 0.3479



16.1112, 0.3102, 0.3297



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.



38.7463, 0.3028, 0.3319



69.8028, 0.3008, 0.3325



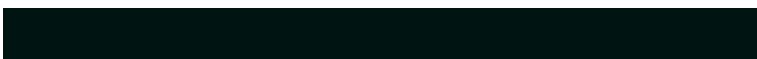
37.2273, 0.3012, 0.3227



8.5115, 0.3007, 0.3326



22.6213, 0.2384, 0.3783



0.5556, 0.2334, 0.3602

Inverse Universe

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



35.1732, 0.3236, 0.3261



62.1009, 0.3260, 0.3255



36.5933, 0.3249, 0.3352



7.5608, 0.3262, 0.3255



6.3493, 0.6146, 0.3159



0.1600, 0.5414, 0.2756

Previews

White Background



This preview shows how the Yxy color 38.7447, 0.3028, 0.3319 looks on a white background.

Color Contrast Check

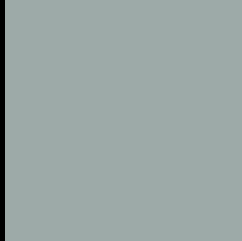
Large Text (above 18pt) WCAG AA × Fail

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 38.7447, 0.3028, 0.3319 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

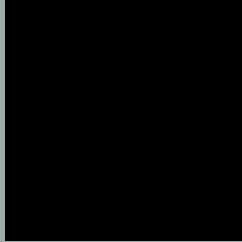
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

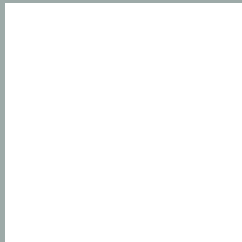
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 38.7447, 0.3028, 0.3319

Background



This preview shows how black text looks on a background with the Yxy color 38.7447, 0.3028, 0.3319.



This preview shows how white text looks on a background with the Yxy color 38.7447, 0.3028, 0.3319.

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

38.7447, 0.3028, 0.3319

Protanopia

38.5717, 0.3164, 0.3290

Deuteranopia

38.6880, 0.3246, 0.3182



Tritanopia

38.7124, 0.2940, 0.3107

Trichromacy



Original Color

38.7447, 0.3028, 0.3319

Protanomaly

38.4268, 0.3109, 0.3290

Deuteranomaly

38.6591, 0.3167, 0.3235

Tritanomaly

38.7796, 0.2972, 0.3190

Monochromacy



Original Color

38.7447, 0.3028, 0.3319

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

38.2140, 0.3091, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.7447, 0.3028, 0.3319 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(157, 170, 168)` looks like.

```
.text, #text, p{  
    color:rgb(157, 170, 168)  
}
```

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(157, 170, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 170, 168) }
```

Border

The CSS property to change the border of an element to Yxy 38.7447, 0.3028, 0.3319 is called "border". The border property can be set on classes, ids or directly on the HTML element.

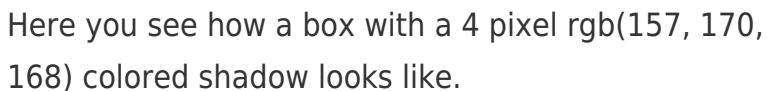
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 170, 168) }
```

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

```
.border{ border-color:rgb(157, 170, 168) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 170, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 170, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 170, 168); box-shadow:4px 4px 4px 4px rgb(157, 170, 168) }
```


Background

The CSS property to change the background color of an element to Yxy 38.7447, 0.3028, 0.3319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 170, 168) }
```

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

```
.background{ background-color: rgb(157,  
170, 168) }
```

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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