

Converting Colors

$Yxy(38.8077, 0.3254, 0.3465)$

Have a look what the booklet for
Yxy(38.8077, 0.3254, 0.3465)
contains.

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Color

Yxy(38.9179, 0.3258, 0.3474)

Conversions

Conversions Part 1

Format	Color
Hex	AAA89B
RGB	170, 168, 155
RGB Percent	67%, 66%, 61%
CMY	0.3333, 0.3412, 0.3920
CMYK	0.00, 0.01, 0.09, 0.33
HSL	52°, 8%, 64%
HSV	52°, 9%, 67%
XYZ	36.4981, 38.9179, 36.6102
YIQ	167.1160, 5.3650, -3.6190

Conversions

Conversions Part 2

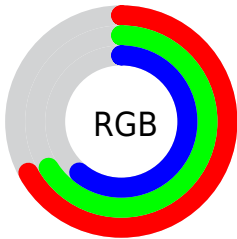
Format	Color
RYB	157, 170, 155
Decimal	11184283
CIELab	68.69, -1.63, 6.95
CIElCh	69, 7.135, 103.175
Yxy	38.9179, 0.3258, 0.3474
Android (android.graphics.Color)	4289374363 (0xFFAAA89B)
YUV	167.1160, -5.9732, 2.5293
Hunter-Lab	62.3842, -4.7402, 8.8746

Details

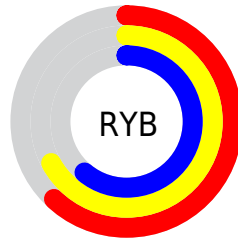
The Yxy color **38.9179, 0.3258, 0.3474** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.9958, 0.2994, 0.3099**, and the grayscale version is **38.7323, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.3864, 0.3234, 0.3442**, and **17.3418, 0.3299, 0.3529** is the 20% darker color. If you saturate the color by 10%, you get **37.5579, 0.3415, 0.3690**, and if you desaturate by 10%, it is **40.3763, 0.3110, 0.3266**.

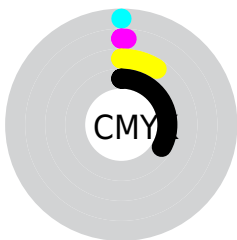
Distribution



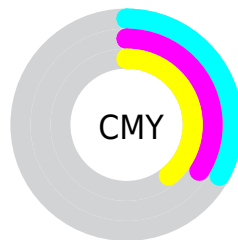
- Red (67%)
- Green (66%)
- Blue (61%)



- Red (62%)
- Yellow (67%)
- Blue (61%)



- Cyan (0%)
- Magenta (1%)
- Yellow (9%)
- Black (33%)





- Cyan (33%)
- Magenta (34%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 38.9179, 0.3258, 0.3474 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 38.9179, 0.3258, 0.3474 by changing the saturation by 10% instead.


 38.9179, 0.3258,
0.3474

 38.9179, 0.3258,
0.3474


341.5413, 0.3191,
0.3379

 26.6959, 0.3275,
0.3499


 73.5129, 0.3233,
0.3439

 17.3449, 0.3298,
0.3531


 96.6546, 0.3224,
0.3426

 10.4807, 0.3329,
0.3576


124.2050, 0.3216,
0.3415

 5.7188, 0.3374,
0.3641

156.5485, 0.3210,
0.3405

 2.6749, 0.3443,
0.3743

194.0695, 0.3204,
0.3397

 0.9645, 0.3644,
0.4016

237.1524, 0.3199,

 0.0000, 0.0000,

0.3390

0.0000

286.1815, 0.3195,
0.3384

■ 38.9179, 0.3258,
0.3474

■ 38.9179, 0.3258,
0.3474

■ 37.5579, 0.3415,
0.3690

■ 40.3763, 0.3110,
0.3266

■ 36.2878, 0.3577,
0.3908

■ 41.9313, 0.2972,
0.3068

■ 35.1057, 0.3741,
0.4122

■ 43.5876, 0.2846,
0.2884

■ 34.0076, 0.3901,
0.4323

■ 45.3480, 0.2730,
0.2713

■ 32.9893, 0.4051,
0.4502

■ 47.2154, 0.2625,
0.2556

■ 32.0459, 0.4185,
0.4649

■ 49.0612, 0.2542,
0.2432

■ 31.1722, 0.4296,
0.4757

■ 49.9949, 0.2546,
0.2460

■ 30.3619, 0.4380,
0.4822

■ 50.9437, 0.2549,
0.2487

■ 29.6034, 0.4441,
0.4848

■ 51.9077, 0.2553,
0.2514

Harmonies

Analogous

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



38.9179, 0.3322, 0.3437



38.9179, 0.3258, 0.3474



38.9179, 0.3159, 0.3461

Triad

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



38.9179, 0.3258, 0.3474



38.9179, 0.2925, 0.3213



38.9179, 0.3200, 0.3184

Complementary

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



38.9179, 0.3258, 0.3474



33.9958, 0.2994, 0.3099

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.



38.9179, 0.3092, 0.3126



38.9179, 0.3258, 0.3474



38.9179, 0.2935, 0.3141

Square

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



38.9179, 0.3258, 0.3474



38.9179, 0.2968, 0.3308



38.9179, 0.2996, 0.3110



38.9179, 0.3288, 0.3269

Rectangle

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



38.9179, 0.3258, 0.3474



38.9179, 0.3088, 0.3425



38.9179, 0.2996, 0.3110



38.9179, 0.3164, 0.3161

Sweetspot

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



38.9196, 0.3258, 0.3474



72.1152, 0.3172, 0.3353



34.4415, 0.3255, 0.3258



16.0350, 0.3183, 0.3370



86.8899, 0.3127, 0.3290



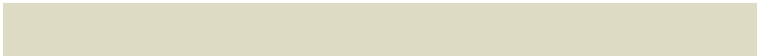
16.2647, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



38.9196, 0.3258, 0.3474



70.0096, 0.3295, 0.3525



39.0902, 0.3206, 0.3505



8.6006, 0.3265, 0.3484



21.7701, 0.4444, 0.4853



0.5752, 0.4350, 0.4928

Inverse Universe

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



33.9958, 0.2994, 0.3099



58.8308, 0.2955, 0.3043



33.8553, 0.3043, 0.3073



7.4559, 0.2986, 0.3088



2.6257, 0.1534, 0.0721



0.1110, 0.1653, 0.1151

Previews

White Background



This preview shows how the Yxy color 38.9179, 0.3258, 0.3474 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 38.9179, 0.3258, 0.3474 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

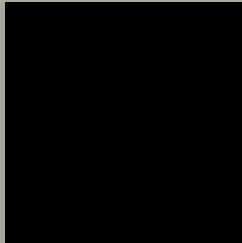
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

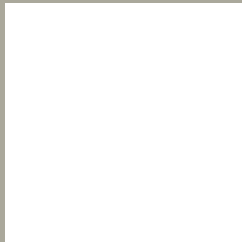
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 38.9179, 0.3258, 0.3474

Background



This preview shows how black text looks on a background with the Yxy color 38.9179, 0.3258, 0.3474.



This preview shows how white text looks on a background with the Yxy color 38.9179, 0.3258, 0.3474.

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

38.9179, 0.3258, 0.3474

Protanopia

38.9692, 0.3307, 0.3473

Deuteranopia

38.9323, 0.3435, 0.3372



Tritanopia

39.0089, 0.3090, 0.3112

Trichromacy



Original Color

38.9179, 0.3258, 0.3474

Protanomaly

38.8548, 0.3297, 0.3473

Deuteranomaly

38.7750, 0.3362, 0.3401

Tritanomaly

38.9454, 0.3148, 0.3235

Monochromacy



Original Color

38.9179, 0.3258, 0.3474

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

38.6066, 0.3171, 0.3347

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.9179, 0.3258, 0.3474 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(170, 168, 155)` looks like.

```
.text, #text, p{  
    color:rgb(170, 168, 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(170, 168, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 168, 155) }
```

Border

The CSS property to change the border of an element to Yxy 38.9179, 0.3258, 0.3474 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(170, 168, 155) }
```

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

```
.border{ border-color:rgb(170, 168, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 168, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 168, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 168, 155);  
box-shadow:4px 4px 4px 4px rgb(170, 168,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 38.9179, 0.3258, 0.3474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 168, 155) }
```

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

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