

Converting Colors

Yxy(39.4534, 0.3204, 0.3579)

Have a look what the booklet for
Yxy(39.4534, 0.3204, 0.3579)
contains.

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Color

Yxy(39.4534, 0.3204, 0.3579)

Conversions

Conversions Part 1

Format	Color
Hex	A2AC98
RGB	162, 172, 152
RGB Percent	64%, 67%, 60%
CMY	0.3647, 0.3255, 0.4039
CMYK	0.06, 0.00, 0.12, 0.33
HSL	90°, 11%, 64%
HSV	90°, 12%, 67%
XYZ	35.3196, 39.4534, 35.4629
YIQ	166.7300, 0.4600, -8.3400

Conversions

Conversions Part 2

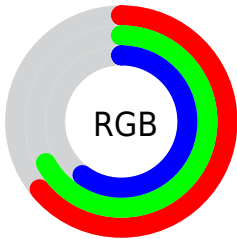
Format	Color
RYB	152, 172, 162
Decimal	10661016
CIELab	69.08, -7.25, 9.08
CIELCh	69, 11.619, 128.591
Yxy	39.4534, 0.3204, 0.3579
Android (android.graphics.Color)	4288851096 (0xFFA2AC98)
YUV	166.7300, -7.2619, -4.1482
Hunter-Lab	62.8119, -9.5492, 10.4939

Details

The Yxy color **39.4534, 0.3204, 0.3579** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.1220, 0.3043, 0.3001**, and the grayscale version is **38.5416, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.1461, 0.3193, 0.3522**, and **17.6875, 0.3222, 0.3678** is the 20% darker color. If you saturate the color by 10%, you get **38.0604, 0.3269, 0.3849**, and if you desaturate by 10%, it is **40.9934, 0.3138, 0.3329**.

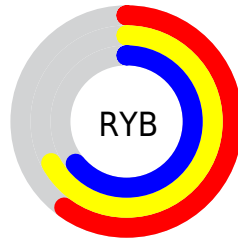
Distribution



Red (64%)

Green (67%)

Blue (60%)



Red (60%)

Yellow (67%)

Blue (64%)

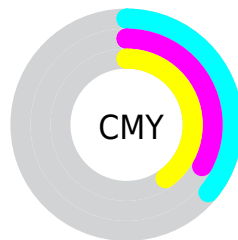


Cyan (6%)

Magenta (0%)

Yellow (12%)

Black (33%)



Cyan (36%)


Magenta (33%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.4534, 0.3204, 0.3579 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 39.4534, 0.3204, 0.3579 by changing the saturation by 10% instead.

 39.4534, 0.3204,
0.3579


 39.4534, 0.3204,
0.3579

343.8143, 0.3166,
0.3428

 27.1126, 0.3214,
0.3619


 74.3304, 0.3190,
0.3523

 17.6578, 0.3226,
0.3671


 97.6355, 0.3185,
0.3502

 10.7046, 0.3242,
0.3743


125.3641, 0.3180,
0.3485

 5.8686, 0.3264,
0.3849

157.9007, 0.3177,
0.3470

 2.7653, 0.3296,
0.4018

195.6296, 0.3173,
0.3457

 1.0105, 0.3462,
0.4495

238.9352, 0.3170,

 0.0000, 0.0000,

0.3447

0.0000

288.2020, 0.3168,
0.3437

■ 39.4534, 0.3204,
0.3579

■ 39.4534, 0.3204,
0.3579

■ 38.0604, 0.3269,
0.3849

■ 40.9934, 0.3138,
0.3329

■ 36.8044, 0.3330,
0.4135

■ 42.6796, 0.3073,
0.3100

■ 35.6823, 0.3383,
0.4430

■ 44.5182, 0.3010,
0.2893

■ 34.6886, 0.3425,
0.4723

■ 46.5131, 0.2950,
0.2708

■ 33.8174, 0.3452,
0.5002

■ 48.6683, 0.2893,
0.2542

■ 33.0625, 0.3459,
0.5252

■ 50.9739, 0.2842,
0.2397

■ 32.4167, 0.3444,
0.5458

■ 52.3017, 0.2908,
0.2414

■ 31.8718, 0.3409,
0.5612

■ 53.6990, 0.2975,
0.2431

■ 31.4797, 0.3369,
0.5707

■ 55.1669, 0.3043,
0.2448

Harmonies

Analogous

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



39.4534, 0.3359, 0.3585



39.4534, 0.3204, 0.3579



39.4534, 0.3032, 0.3489

Triad

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



39.4534, 0.3204, 0.3579



39.4534, 0.2811, 0.3062



39.4534, 0.3371, 0.3233

Complementary

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



39.4534, 0.3204, 0.3579



33.1220, 0.3043, 0.3001

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.



39.4534, 0.3218, 0.3103



39.4534, 0.3204, 0.3579



39.4534, 0.2896, 0.3004

Square

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



39.4534, 0.3204, 0.3579



39.4534, 0.2808, 0.3185



39.4534, 0.3044, 0.3020



39.4534, 0.3458, 0.3381

Rectangle

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



39.4534, 0.3204, 0.3579



39.4534, 0.2930, 0.3395



39.4534, 0.3044, 0.3020



39.4534, 0.3325, 0.3186

Sweetspot

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



39.4551, 0.3204, 0.3579



73.9479, 0.3147, 0.3363



36.8819, 0.3314, 0.3433



16.0211, 0.3153, 0.3382



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.



39.4551, 0.3204, 0.3579



70.8831, 0.3221, 0.3648



38.4508, 0.3113, 0.3587



9.1284, 0.3189, 0.3519



23.4570, 0.3376, 0.5702



0.6851, 0.3616, 0.5511

Inverse Universe

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



33.1220, 0.3043, 0.3001



57.0502, 0.3022, 0.2932



34.2095, 0.3140, 0.3010



7.9468, 0.3061, 0.3061



3.7260, 0.2040, 0.0898



0.1362, 0.2383, 0.1087

Previews

White Background



This preview shows how the Yxy color 39.4534, 0.3204, 0.3579 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 39.4534, 0.3204, 0.3579 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

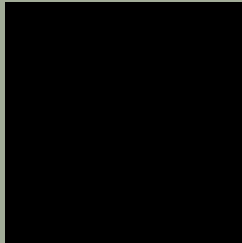
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

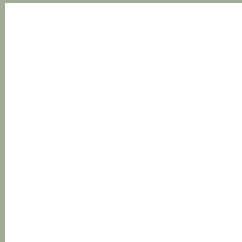
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.4534, 0.3204, 0.3579

Background



This preview shows how black text looks on a background with the Yxy color 39.4534, 0.3204, 0.3579.



This preview shows how white text looks on a background with the Yxy color 39.4534, 0.3204, 0.3579.

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

39.4534, 0.3204, 0.3579

Protanopia

39.4374, 0.3360, 0.3542

Deuteranopia

39.1209, 0.3473, 0.3398



Tritanopia

39.4485, 0.3001, 0.3110

Trichromacy



Original Color

39.4534, 0.3204, 0.3579

Protanomaly

39.2682, 0.3301, 0.3545

Deuteranomaly

39.2756, 0.3376, 0.3470

Tritanomaly

39.2775, 0.3083, 0.3276

Monochromacy



Original Color

39.4534, 0.3204, 0.3579

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

38.9839, 0.3150, 0.3390

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.4534, 0.3204, 0.3579 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(162, 172, 152)` looks like.

```
.text, #text, p{  
    color:rgb(162, 172, 152)  
}
```

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(162, 172, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 172, 152) }
```

Border

The CSS property to change the border of an element to Yxy 39.4534, 0.3204, 0.3579 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(162, 172, 152) }
```

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

```
.border{ border-color:rgb(162, 172, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 172, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 172, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 172, 152);  
box-shadow:4px 4px 4px 4px rgb(162, 172,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 39.4534, 0.3204, 0.3579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 172, 152) }
```

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

```
.background{ background-color: rgb(162,  
172, 152) }
```

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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