

Converting Colors

$Yxy(39.7923, 0.3261, 0.3545)$

Have a look what the booklet for
Yxy(39.7923, 0.3261, 0.3545)
contains.

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Color

Yxy(39.8607, 0.3262, 0.3545)

Conversions

Conversions Part 1

Format	Color
Hex	A9AB99
RGB	169, 171, 153
RGB Percent	66%, 67%, 60%
CMY	0.3372, 0.3294, 0.3999
CMYK	0.01, 0.00, 0.11, 0.33
HSL	67°, 10%, 64%
HSV	67°, 11%, 67%
XYZ	36.6786, 39.8607, 35.9027
YIQ	168.3500, 4.5860, -6.0220

Conversions

Conversions Part 2

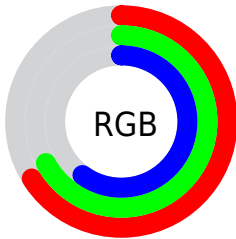
Format	Color
RYB	153, 171, 155
Decimal	11119513
CIELab	69.37, -3.95, 9.02
CIELCh	69, 9.846, 113.667
Yxy	39.8607, 0.3262, 0.3545
Android (android.graphics.Color)	4289309593 (0xFFA9AB99)
YUV	168.3500, -7.5675, 0.5701
Hunter-Lab	63.1353, -6.7869, 10.4787

Details

The Yxy color **39.8607, 0.3262, 0.3545** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.6946, 0.2984, 0.3025**, and the grayscale version is **39.3775, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.7450, 0.3237, 0.3497**, and **17.9349, 0.3303, 0.3628** is the 20% darker color. If you saturate the color by 10%, you get **39.1306, 0.3393, 0.3797**, and if you desaturate by 10%, it is **40.6782, 0.3134, 0.3302**.

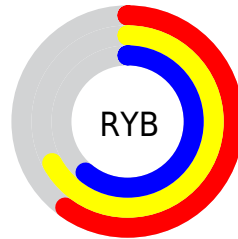
Distribution



Red (66%)

Green (67%)

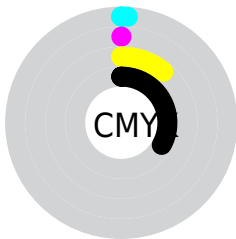
Blue (60%)



Red (60%)

Yellow (67%)

Blue (61%)

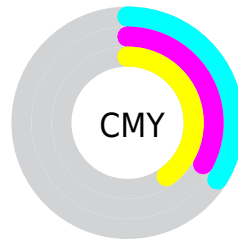


Cyan (1%)

Magenta (0%)

Yellow (11%)

Black (33%)



Cyan (34%)


Magenta (33%)


Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.8607, 0.3262, 0.3545 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 39.8607, 0.3262, 0.3545 by changing the saturation by 10% instead.


 39.8607, 0.3262,
0.3545


 39.8607, 0.3262,
0.3545


345.5361, 0.3193,
0.3413

 27.4300, 0.3280,
0.3579


 74.9513, 0.3237,
0.3496

 17.8964, 0.3302,
0.3625


 98.3800, 0.3227,
0.3478

 10.8756, 0.3333,
0.3687


126.2435, 0.3219,
0.3463

 5.9833, 0.3376,
0.3776

158.9261, 0.3213,
0.3450

 2.8349, 0.3442,
0.3918

196.8123, 0.3207,
0.3439

 1.0462, 0.3656,
0.4295

240.2864, 0.3202,

 0.0000, 0.0000,

0.3429

0.0000

289.7329, 0.3197,
0.3421

■ 39.8607, 0.3262,
0.3545

■ 39.8607, 0.3262,
0.3545

■ 39.1306, 0.3393,
0.3797

■ 40.6782, 0.3134,
0.3302

■ 38.4794, 0.3522,
0.4051

■ 41.5812, 0.3010,
0.3073

■ 37.9050, 0.3645,
0.4300

■ 42.5745, 0.2894,
0.2858

■ 37.4034, 0.3756,
0.4534

■ 43.6609, 0.2785,
0.2661

■ 36.9704, 0.3851,
0.4744

■ 44.8433, 0.2685,
0.2481

■ 36.6010, 0.3925,
0.4920

■ 46.0848, 0.2596,
0.2323

■ 36.2898, 0.3974,
0.5056

■ 46.3126, 0.2610,
0.2326

■ 36.0304, 0.3998,
0.5148

■ 46.5434, 0.2623,
0.2330

■ 35.8186, 0.4002,
0.5204

■ 46.7774, 0.2636,
0.2333

Harmonies

Analogous

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



39.8607, 0.3371, 0.3515



39.8607, 0.3262, 0.3545



39.8607, 0.3119, 0.3503

Triad

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



39.8607, 0.3262, 0.3545



39.8607, 0.2849, 0.3144



39.8607, 0.3273, 0.3183

Complementary

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



39.8607, 0.3262, 0.3545



32.6946, 0.2984, 0.3025

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.



39.8607, 0.3131, 0.3090



39.8607, 0.3262, 0.3545



39.8607, 0.2887, 0.3065

Square

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



39.8607, 0.3262, 0.3545



39.8607, 0.2882, 0.3267



39.8607, 0.2990, 0.3046



39.8607, 0.3378, 0.3305

Rectangle

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



39.8607, 0.3262, 0.3545



39.8607, 0.3023, 0.3439



39.8607, 0.2990, 0.3046



39.8607, 0.3228, 0.3148

Sweetspot

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



39.8624, 0.3262, 0.3545



72.4699, 0.3166, 0.3363



34.3380, 0.3306, 0.3316



16.1346, 0.3176, 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.



39.8624, 0.3262, 0.3545



71.0237, 0.3297, 0.3613



38.9202, 0.3180, 0.3551



9.2848, 0.3246, 0.3515



27.0169, 0.4004, 0.5203



0.7640, 0.4065, 0.5154

Inverse Universe

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



32.6946, 0.2984, 0.3025



55.1702, 0.2944, 0.2951



33.5985, 0.3069, 0.3032



7.7978, 0.3002, 0.3057



2.3316, 0.1546, 0.0625



0.0780, 0.1725, 0.0724

Previews

White Background



This preview shows how the Yxy color 39.8607, 0.3262, 0.3545 looks on a white background.

Color Contrast Check

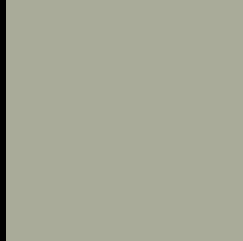
Large Text (above 18pt) WCAG AA × Fail

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 39.8607, 0.3262, 0.3545 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

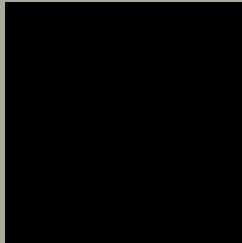
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

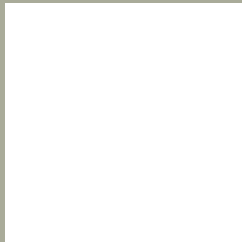
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.8607, 0.3262, 0.3545

Background



This preview shows how black text looks on a background with the Yxy color 39.8607, 0.3262, 0.3545.



This preview shows how white text looks on a background with the Yxy color 39.8607, 0.3262, 0.3545.

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

39.8607, 0.3262, 0.3545

Protanopia

39.8730, 0.3340, 0.3527

Deuteranopia

39.6373, 0.3471, 0.3398



Tritanopia

39.8170, 0.3072, 0.3113

Trichromacy



Original Color

39.8607, 0.3262, 0.3545

Protanomaly

39.9007, 0.3310, 0.3543

Deuteranomaly

39.6728, 0.3396, 0.3454

Tritanomaly

39.6782, 0.3147, 0.3262

Monochromacy



Original Color

39.8607, 0.3262, 0.3545

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

39.3451, 0.3169, 0.3375

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.8607, 0.3262, 0.3545 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(169, 171, 153)` looks like.

```
.text, #text, p{  
    color:rgb(169, 171, 153)  
}
```

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(169, 171, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 171, 153) }
```

Border

The CSS property to change the border of an element to Yxy 39.8607, 0.3262, 0.3545 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(169, 171, 153) }
```

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

```
.border{ border-color:rgb(169, 171, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 171, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 171, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 171, 153);  
box-shadow:4px 4px 4px 4px rgb(169, 171,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 39.8607, 0.3262, 0.3545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 171, 153) }
```

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

```
.background{ background-color: rgb(169,  
171, 153) }
```

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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