

Converting Colors

$Yxy(39.5818, 0.3229, 0.3519)$

Have a look what the booklet for
Yxy(39.5818, 0.3229, 0.3519)
contains.

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Color

Yxy(39.7079, 0.3226, 0.3518)

Conversions

Conversions Part 1

Format	Color
Hex	A7AB9B
RGB	167, 171, 155
RGB Percent	65%, 67%, 61%
CMY	0.3452, 0.3294, 0.3922
CMYK	0.02, 0.00, 0.09, 0.33
HSL	75°, 9%, 64%
HSV	75°, 9%, 67%
XYZ	36.4121, 39.7079, 36.7507
YIQ	167.9800, 2.7520, -5.8240

Conversions

Conversions Part 2

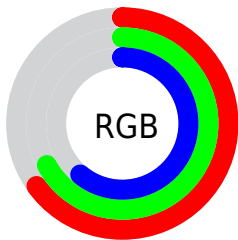
Format	Color
RYB	155, 171, 159
Decimal	10988443
CIELab	69.26, -4.37, 7.75
CIELCh	69, 8.896, 119.391
Yxy	39.7079, 0.3226, 0.3518
Android (android.graphics.Color)	4289178523 (0xFFA7AB9B)
YUV	167.9800, -6.3991, -0.8595
Hunter-Lab	63.0142, -7.1306, 9.5313

Details

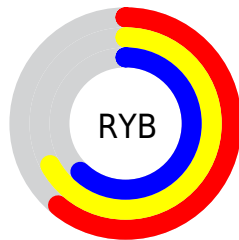
The Yxy color **39.7079, 0.3226, 0.3518** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.7528, 0.3023, 0.3057**, and the grayscale version is **39.1779, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.5258, 0.3210, 0.3475**, and **17.8380, 0.3253, 0.3590** is the 20% darker color. If you saturate the color by 10%, you get **38.7147, 0.3333, 0.3774**, and if you desaturate by 10%, it is **40.8015, 0.3121, 0.3275**.

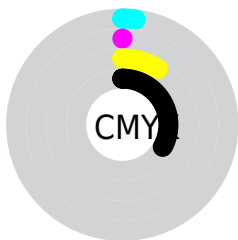
Distribution



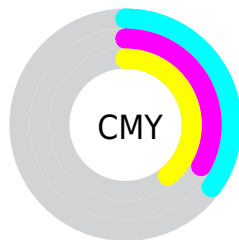
- Red (65%)
- Green (67%)
- Blue (61%)



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



- Cyan (2%)
- Magenta (0%)
- Yellow (9%)
- Black (33%)




- Cyan (35%)
- Magenta (33%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.7079, 0.3226, 0.3518 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 39.7079, 0.3226, 0.3518 by changing the saturation by 10% instead.

 39.7079, 0.3226,
0.3518


 39.7079, 0.3226,
0.3518


344.8909, 0.3176,
0.3400

 27.3109, 0.3239,
0.3549


 74.7185, 0.3208,
0.3474

 17.8068, 0.3255,
0.3590


 98.1009, 0.3201,
0.3458

 10.8114, 0.3278,
0.3645


125.9138, 0.3195,
0.3444

 5.9402, 0.3309,
0.3726

158.5417, 0.3190,
0.3433

 2.8087, 0.3357,
0.3855

196.3690, 0.3186,
0.3423

 1.0327, 0.3507,
0.4172

239.7800, 0.3182,

 0.0000, 0.0000,

0.3414

0.0000

289.1592, 0.3179,
0.3407

■ 39.7079, 0.3226,
0.3518

■ 39.7079, 0.3226,
0.3518

■ 38.7147, 0.3333,
0.3774

■ 40.8015, 0.3121,
0.3275

■ 37.8132, 0.3437,
0.4039

■ 41.9937, 0.3019,
0.3049

■ 37.0012, 0.3536,
0.4305

■ 43.2893, 0.2922,
0.2840

■ 36.2748, 0.3624,
0.4563

■ 44.6915, 0.2831,
0.2650

■ 35.6294, 0.3696,
0.4803

■ 46.2030, 0.2747,
0.2478

■ 35.0602, 0.3747,
0.5012

■ 47.6583, 0.2685,
0.2346

■ 34.5616, 0.3774,
0.5183

■ 48.2308, 0.2717,
0.2354

■ 34.1270, 0.3777,
0.5308

■ 48.8198, 0.2749,
0.2362

■ 33.7437, 0.3759,
0.5393

■ 49.4256, 0.2781,
0.2371

Harmonies

Analogous

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



39.7079, 0.3333, 0.3504



39.7079, 0.3226, 0.3518



39.7079, 0.3094, 0.3468

Triad

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



39.7079, 0.3226, 0.3518



39.7079, 0.2876, 0.3141



39.7079, 0.3281, 0.3213

Complementary

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



39.7079, 0.3226, 0.3518



33.7528, 0.3023, 0.3057

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.



39.7079, 0.3156, 0.3121



39.7079, 0.3226, 0.3518



39.7079, 0.2924, 0.3078

Square

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



39.7079, 0.3226, 0.3518



39.7079, 0.2894, 0.3246



39.7079, 0.3025, 0.3072



39.7079, 0.3366, 0.3326

Rectangle

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



39.7079, 0.3226, 0.3518



39.7079, 0.3011, 0.3405



39.7079, 0.3025, 0.3072



39.7079, 0.3242, 0.3179

Sweetspot

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



39.7096, 0.3226, 0.3518



72.3224, 0.3159, 0.3363



35.8200, 0.3281, 0.3348



16.0933, 0.3167, 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.



39.7096, 0.3226, 0.3518



70.7701, 0.3245, 0.3564



38.8665, 0.3152, 0.3523



9.2273, 0.3225, 0.3517



25.4424, 0.3762, 0.5395



0.7316, 0.3900, 0.5286

Inverse Universe

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



33.7528, 0.3023, 0.3057



58.1798, 0.3000, 0.3009



34.5962, 0.3099, 0.3062



7.8509, 0.3023, 0.3058



2.6253, 0.1659, 0.0688



0.0989, 0.1985, 0.0867

Previews

White Background



This preview shows how the Yxy color 39.7079, 0.3226, 0.3518 looks on a white background.

Color Contrast Check

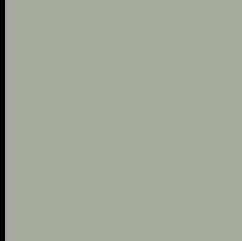
Large Text (above 18pt) WCAG AA × Fail

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 39.7079, 0.3226, 0.3518 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

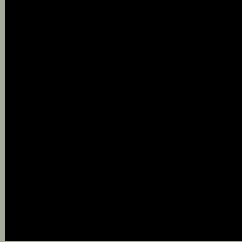
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

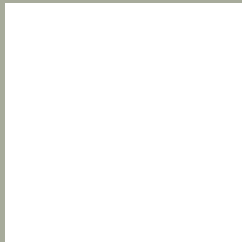
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.7079, 0.3226, 0.3518

Background



This preview shows how black text looks on a background with the Yxy color 39.7079, 0.3226, 0.3518.



This preview shows how white text looks on a background with the Yxy color 39.7079, 0.3226, 0.3518.

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

39.7079, 0.3226, 0.3518

Protanopia

39.5685, 0.3324, 0.3485

Deuteranopia

39.5759, 0.3443, 0.3371



Tritanopia

39.5906, 0.3054, 0.3112

Trichromacy



Original Color

39.7079, 0.3226, 0.3518

Protanomaly

39.5933, 0.3294, 0.3501

Deuteranomaly

39.6178, 0.3368, 0.3427

Tritanomaly

39.4916, 0.3120, 0.3248

Monochromacy



Original Color

39.7079, 0.3226, 0.3518

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 39.7079, 0.3226, 0.3518 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(167, 171, 155)` looks like.

```
.text, #text, p{  
    color:rgb(167, 171, 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(167, 171, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 171, 155) }
```

Border

The CSS property to change the border of an element to Yxy 39.7079, 0.3226, 0.3518 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(167, 171, 155) }
```

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

```
.border{ border-color:rgb(167, 171, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 171, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 171, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 171, 155);  
box-shadow:4px 4px 4px 4px rgb(167, 171,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 39.7079, 0.3226, 0.3518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 171, 155) }
```

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

```
.background{ background-color: rgb(167,  
171, 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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