

Converting Colors

Yxy(39.6539, 0.3049, 0.3041)

Have a look what the booklet for
Yxy(39.6539, 0.3049, 0.3041)
contains.

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Color

Yxy(39.7318, 0.3048, 0.3047)

Conversions

Conversions Part 1

Format	Color
Hex	AEA6B8
RGB	174, 166, 184
RGB Percent	68%, 65%, 72%
CMY	0.3176, 0.3490, 0.2784
CMYK	0.05, 0.10, 0.00, 0.28
HSL	267°, 11%, 69%
HSV	267°, 10%, 72%
XYZ	39.7448, 39.7318, 50.9198
YIQ	170.4440, -1.0100, 7.2940

Conversions

Conversions Part 2

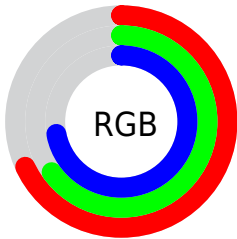
Format	Color
RYB	174, 166, 184
Decimal	11445944
CIELab	69.28, 6.32, -8.21
CIELCh	69, 10.359, 307.582
Yxy	39.7318, 0.3048, 0.3047
Android (android.graphics.Color)	4289636024 (0xFFAEA6B8)
YUV	170.4440, 6.6831, 3.1186
Hunter-Lab	63.0332, 2.2431, -3.7728

Details

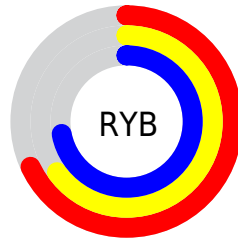
The Yxy color **39.7318, 0.3048, 0.3047** is a light color, and the websafe version is hex **999999**. A complement of this color would be **46.2620, 0.3201, 0.3532**, and the grayscale version is **40.3993, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.6622, 0.3060, 0.3091**, and **17.8109, 0.3028, 0.2973** is the 20% darker color. If you saturate the color by 10%, you get **32.3870, 0.2954, 0.2777**, and if you desaturate by 10%, it is **48.1262, 0.3129, 0.3295**.

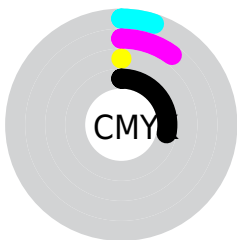
Distribution



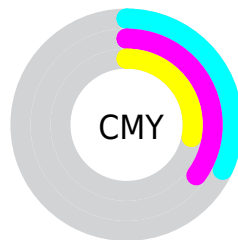
- Red (68%)
- Green (65%)
- Blue (72%)



- Red (68%)
- Yellow (65%)
- Blue (72%)



- Cyan (5%)
- Magenta (10%)
- Yellow (0%)
- Black (28%)





- Cyan (32%)
- Magenta (35%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.7318, 0.3048, 0.3047 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 39.7318, 0.3048, 0.3047 by changing the saturation by 10% instead.


 39.7318, 0.3048,
0.3047


 39.7318, 0.3048,
0.3047


344.9919, 0.3089,
0.3170

 27.3295, 0.3037,
0.3016


 74.7549, 0.3063,
0.3092

 17.8208, 0.3023,
0.2975


 98.1446, 0.3069,
0.3109

 10.8214, 0.3003,
0.2921


125.9654, 0.3074,
0.3123

 5.9469, 0.2975,
0.2845

158.6019, 0.3078,
0.3135

 2.8128, 0.2930,
0.2728

196.4384, 0.3081,
0.3146

 1.0348, 0.2848,
0.2530

239.8592, 0.3084,

 0.0000, 0.1385,

0.3155

0.0000

289.2490, 0.3087,
0.3163

■ 0.0000, 0.0000,
0.0000

■ 39.7318, 0.3048,
0.3047

■ 39.7318, 0.3048,
0.3047

■ 32.3870, 0.2954,
0.2777

■ 48.1262, 0.3129,
0.3295

■ 26.0442, 0.2846,
0.2489

■ 57.6051, 0.3197,
0.3520

■ 20.6599, 0.2725,
0.2190

■ 68.2079, 0.3255,
0.3723

■ 16.1851, 0.2592,
0.1889

■ 79.9707, 0.3303,
0.3904

■ 12.5664, 0.2451,
0.1599

■ 90.9984, 0.3349,
0.4037

■ 9.7446, 0.2308,
0.1337

■ 92.6895, 0.3416,
0.4021

■ 7.6527, 0.2168,
0.1116

■ 94.4804, 0.3485,
0.4004

■ 6.2119, 0.2038,
0.0950

■ 96.2406, 0.3550,
0.3988

■ 5.2684, 0.1924,
0.0834

Harmonies

Analogous

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



39.7318, 0.2917, 0.3035



39.7318, 0.3048, 0.3047



39.7318, 0.3203, 0.3119

Triad

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



39.7318, 0.3048, 0.3047



39.7318, 0.3418, 0.3483



39.7318, 0.2917, 0.3342

Complementary

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



39.7318, 0.3048, 0.3047



46.2620, 0.3201, 0.3532

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.



39.7318, 0.3047, 0.3470



39.7318, 0.3048, 0.3047



39.7318, 0.3338, 0.3551

Square

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



39.7318, 0.3048, 0.3047



39.7318, 0.3419, 0.3367



39.7318, 0.3201, 0.3548



39.7318, 0.2844, 0.3202

Rectangle

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



39.7318, 0.3048, 0.3047



39.7318, 0.3299, 0.3193



39.7318, 0.3201, 0.3548



39.7318, 0.2956, 0.3388

Sweetspot

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



39.7335, 0.3048, 0.3047



82.0568, 0.3104, 0.3217



42.6966, 0.2978, 0.3183



17.4217, 0.3097, 0.3197



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



39.7335, 0.3048, 0.3047



68.6357, 0.3026, 0.2984



40.7761, 0.3127, 0.3053



8.9098, 0.3052, 0.3059



3.6588, 0.1934, 0.0839



0.1658, 0.2236, 0.1005

Inverse Universe

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



40.5971, 0.3208, 0.3158



70.5700, 0.3230, 0.3124



45.2707, 0.3126, 0.3537



9.0934, 0.3204, 0.3164



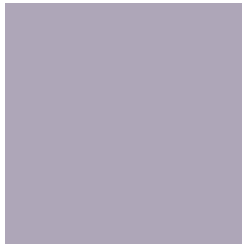
7.7001, 0.4703, 0.2364



0.2837, 0.4219, 0.2098

Previews

White Background



This preview shows how the Yxy color 39.7318, 0.3048, 0.3047 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 39.7318, 0.3048, 0.3047 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

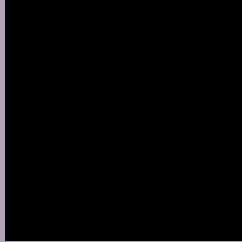
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

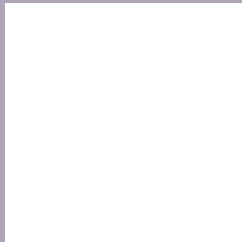
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.7318, 0.3048, 0.3047

Background



This preview shows how black text looks on a background with the Yxy color 39.7318, 0.3048, 0.3047.



This preview shows how white text looks on a background with the Yxy color 39.7318, 0.3048, 0.3047.

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

39.7318, 0.3048, 0.3047

Protanopia

39.7235, 0.2978, 0.3057

Deuteranopia

39.5953, 0.3094, 0.3023



Tritanopia

39.8170, 0.3072, 0.3113

Trichromacy



Original Color

39.7318, 0.3048, 0.3047

Protanomaly

39.6863, 0.3004, 0.3045

Deuteranomaly

39.7181, 0.3075, 0.3035

Tritanomaly

39.8579, 0.3064, 0.3100

Monochromacy



Original Color

39.7318, 0.3048, 0.3047

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

40.1290, 0.3095, 0.3207

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.7318, 0.3048, 0.3047 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(174, 166, 184)` looks like.

```
.text, #text, p{  
    color:rgb(174, 166, 184)  
}
```

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(174, 166, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 166, 184) }
```

Border

The CSS property to change the border of an element to Yxy 39.7318, 0.3048, 0.3047 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(174, 166, 184) }
```

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

```
.border{ border-color:rgb(174, 166, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 166, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 166, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 166, 184);  
box-shadow:4px 4px 4px 4px rgb(174, 166,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 39.7318, 0.3048, 0.3047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 166, 184) }
```

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

```
.background{ background-color: rgb(174,  
166, 184) }
```

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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