

Converting Colors

$Yxy(39.9079, 0.3320, 0.3108)$

Have a look what the booklet for
Yxy(39.9079, 0.3320, 0.3108)
contains.

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Color

Yxy(40.0542, 0.3317, 0.3109)

Conversions

Conversions Part 1

Format	Color
Hex	C2A1AF
RGB	194, 161, 175
RGB Percent	76%, 63%, 69%
CMY	0.2392, 0.3686, 0.3137
CMYK	0.00, 0.17, 0.10, 0.24
HSL	335°, 21%, 70%
HSV	335°, 17%, 76%
XYZ	42.7339, 40.0542, 46.0449
YIQ	172.4630, 15.1740, 11.3500

Conversions

Conversions Part 2

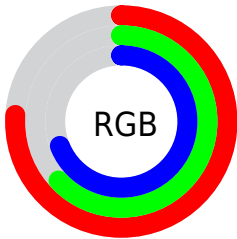
Format	Color
RYB	194, 161, 175
Decimal	12755375
CIELab	69.51, 14.47, -2.69
CIELCh	70, 14.722, 349.465
Yxy	40.0542, 0.3317, 0.3109
Android (android.graphics.Color)	4290945455 (0xFFC2A1AF)
YUV	172.4630, 1.2507, 18.8879
Hunter-Lab	63.2884, 9.7731, 1.1659

Details

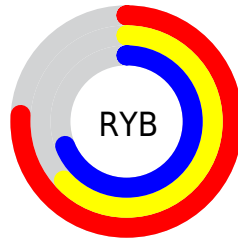
The Yxy color $40.0542, 0.3317, 0.3109$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $49.4600, 0.2970, 0.3479$, and the grayscale version is $41.4913, 0.3127, 0.3290$.

A 20% lighter version of the original color is $75.3341, 0.3287, 0.3149$, and $17.9428, 0.3368, 0.3043$ is the 20% darker color. If you saturate the color by 10%, you get $33.3724, 0.3461, 0.2996$, and if you desaturate by 10%, it is $47.8278, 0.3198, 0.3218$.

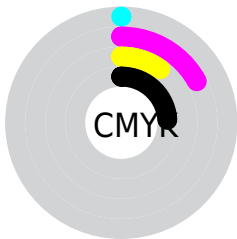
Distribution



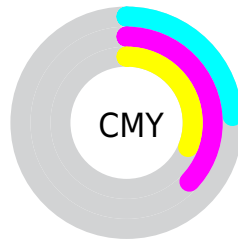
- Red (76%)
- Green (63%)
- Blue (69%)



- Red (76%)
- Yellow (63%)
- Blue (69%)



- Cyan (0%)
- Magenta (17%)
- Yellow (10%)
- Black (24%)





- Cyan (24%)
- Magenta (37%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.0542, 0.3317, 0.3109 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 40.0542, 0.3317, 0.3109 by changing the saturation by 10% instead.


 40.0542, 0.3317,
0.3109


 40.0542, 0.3317,
0.3109


346.3520, 0.3220,
0.3201

 27.5808, 0.3342,
0.3086


 75.2460, 0.3281,
0.3143

 18.0099, 0.3374,
0.3055


 98.7333, 0.3268,
0.3155

 10.9571, 0.3418,
0.3015


126.6606, 0.3257,
0.3166

 6.0380, 0.3480,
0.2957

159.4124, 0.3247,
0.3175

 2.8682, 0.3576,
0.2869

197.3730, 0.3239,
0.3183

 1.0633, 0.3744,
0.2718

240.9269, 0.3232,


 0.0000, 0.7006,


0.3189

0.0000

290.4584, 0.3226,
0.3195


 0.0000, 0.0000,
0.0000

 40.0542, 0.3317,
0.3109

 40.0542, 0.3317,
0.3109


 33.3724, 0.3461,
0.2996


 47.8278, 0.3198,
0.3218


 27.7280, 0.3634,
0.2882

 56.7341, 0.3100,
0.3320


 23.0696, 0.3839,
0.2774

 66.8182, 0.3019,
0.3415

 19.3395, 0.4076,
0.2679

 78.1213, 0.2953,
0.3502

 16.4737, 0.4343,
0.2609

 88.7505, 0.2897,
0.3551

■ 14.4002, 0.4630,
0.2576

■ 89.4009, 0.2839,
0.3428

■ 13.0351, 0.4923,
0.2592

■ 90.0922, 0.2782,
0.3308

■ 12.2638, 0.5203,
0.2661

■ 90.2107, 0.2773,
0.3289

■ 12.0858, 0.5285,
0.2685

Harmonies

Analogous

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



40.0542, 0.3099, 0.2981



40.0542, 0.3317, 0.3109



40.0542, 0.3487, 0.3283

Triad

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



40.0542, 0.3317, 0.3109



40.0542, 0.3354, 0.3673



40.0542, 0.2716, 0.3092

Complementary

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



40.0542, 0.3317, 0.3109



49.4600, 0.2970, 0.3479

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.



40.0542, 0.2779, 0.3281



40.0542, 0.3317, 0.3109



40.0542, 0.3143, 0.3627

Square

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



40.0542, 0.3317, 0.3109



40.0542, 0.3507, 0.3610



40.0542, 0.2934, 0.3481



40.0542, 0.2758, 0.2966

Rectangle

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



40.0542, 0.3317, 0.3109



40.0542, 0.3547, 0.3407



40.0542, 0.2934, 0.3481



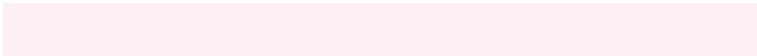
40.0542, 0.2725, 0.3150

Sweetspot

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



40.0560, 0.3317, 0.3109



89.6023, 0.3177, 0.3238



39.0529, 0.3017, 0.2857



19.3799, 0.3185, 0.3230



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



40.0560, 0.3317, 0.3109



68.3512, 0.3362, 0.3072



40.3093, 0.3444, 0.3320



10.1473, 0.3224, 0.3193



7.9608, 0.5252, 0.2667



0.3577, 0.4685, 0.2355

Inverse Universe

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



40.0560, 0.3317, 0.3109



68.3512, 0.3362, 0.3072



49.0881, 0.2872, 0.3260



10.1473, 0.3224, 0.3193



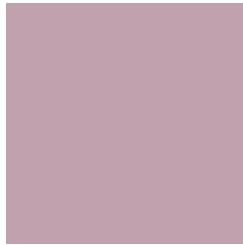
7.9608, 0.5252, 0.2667



0.3577, 0.4685, 0.2355

Previews

White Background



This preview shows how the Yxy color 40.0542, 0.3317, 0.3109 looks on a white background.

Color Contrast Check

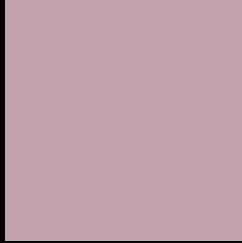
Large Text (above 18pt) WCAG AA × Fail

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 40.0542, 0.3317, 0.3109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

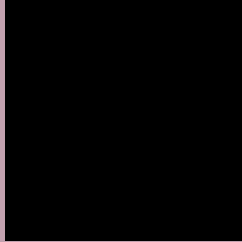
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.0542, 0.3317, 0.3109

Background



This preview shows how black text looks on a background with the Yxy color 40.0542, 0.3317, 0.3109.



This preview shows how white text looks on a background with the Yxy color 40.0542, 0.3317, 0.3109.

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

40.0542, 0.3317, 0.3109

Protanopia

40.2173, 0.3045, 0.3139

Deuteranopia

40.1566, 0.3226, 0.3170



Tritanopia

40.0151, 0.3326, 0.3122

Trichromacy



Original Color

40.0542, 0.3317, 0.3109

Protanomaly

40.0705, 0.3144, 0.3129

Deuteranomaly

40.2983, 0.3265, 0.3159

Tritanomaly

40.0151, 0.3326, 0.3122

Monochromacy



Original Color

40.0542, 0.3317, 0.3109

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.7257, 0.3195, 0.3223

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.0542, 0.3317, 0.3109 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(194, 161, 175)` looks like.

```
.text, #text, p{  
    color:rgb(194, 161, 175)  
}
```

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(194, 161, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 161, 175) }
```

Border

The CSS property to change the border of an element to Yxy 40.0542, 0.3317, 0.3109 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(194, 161, 175) }
```

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

```
.border{ border-color:rgb(194, 161, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 161, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 161, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 161, 175);  
box-shadow:4px 4px 4px 4px rgb(194, 161,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 40.0542, 0.3317, 0.3109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 161, 175) }
```

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

```
.background{ background-color: rgb(194,  
161, 175) }
```

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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