

Converting Colors

$Yxy(40.0388, 0.3453, 0.3182)$

Have a look what the booklet for
Yxy(40.0388, 0.3453, 0.3182)
contains.

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Color

Yxy(40.0409, 0.3455, 0.3176)

Conversions

Conversions Part 1

Format	Color
Hex	C99FA8
RGB	201, 159, 168
RGB Percent	79%, 62%, 66%
CMY	0.2117, 0.3765, 0.3412
CMYK	0.00, 0.21, 0.16, 0.21
HSL	347°, 28%, 71%
HSV	347°, 21%, 79%
XYZ	43.5583, 40.0409, 42.4741
YIQ	172.5840, 22.1430, 11.7030

Conversions

Conversions Part 2

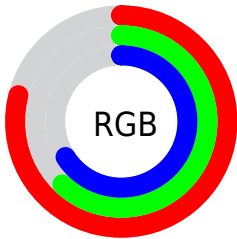
Format	Color
R_{YB}	201, 159, 168
Decimal	13213608
CIE _{Lab}	69.50, 16.96, 1.28
CIE _{LCh}	69, 17.010, 4.307
Yxy	40.0409, 0.3455, 0.3176
Android (android.graphics.Color)	4291403688 (0xFFC99FA8)
YUV	172.5840, -2.2599, 24.9208
Hunter-Lab	63.2779, 12.1371, 4.4972

Details

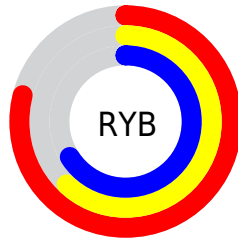
The Yxy color **40.0409, 0.3455, 0.3176** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **52.9643, 0.2876, 0.3408**, and the grayscale version is **41.5714, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.6808, 0.3368, 0.3200**, and **17.8873, 0.3551, 0.3135** is the 20% darker color. If you saturate the color by 10%, you get **33.1286, 0.3670, 0.3118**, and if you desaturate by 10%, it is **48.1527, 0.3280, 0.3232**.

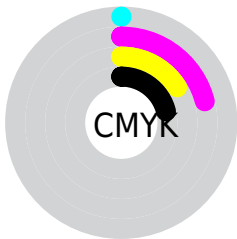
Distribution



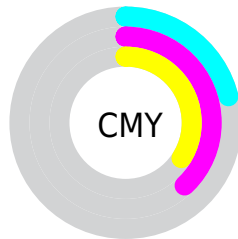
- Red (79%)
- Green (62%)
- Blue (66%)



- Red (79%)
- Yellow (62%)
- Blue (66%)



- Cyan (0%)
- Magenta (21%)
- Yellow (16%)
- Black (21%)





- Cyan (21%)
- Magenta (38%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.0409, 0.3455, 0.3176 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 40.0409, 0.3455, 0.3176 by changing the saturation by 10% instead.


 40.0409, 0.3455,
0.3176


 40.0409, 0.3455,
0.3176


346.2959, 0.3287,
0.3235

 27.5704, 0.3499,
0.3160


 75.2258, 0.3393,
0.3198

 18.0021, 0.3556,
0.3140


 98.7090, 0.3370,
0.3206

 10.9515, 0.3633,
0.3112


126.6319, 0.3350,
0.3213

 6.0342, 0.3745,
0.3072

159.3789, 0.3334,
0.3219

 2.8659, 0.3919,
0.3008

197.3345, 0.3319,
0.3224

 1.0621, 0.4227,
0.2891

240.8829, 0.3307,

 0.0000, 1.0000,

0.3228

0.0000

290.4086, 0.3296,
0.3232

■ 0.0000, 0.0000,
0.0000

■ 40.0409, 0.3455,
0.3176

■ 40.0409, 0.3455,
0.3176

■ 33.1286, 0.3670,
0.3118

■ 48.1527, 0.3280,
0.3232

■ 27.3536, 0.3932,
0.3061

■ 57.5116, 0.3139,
0.3285

■ 22.6562, 0.4246,
0.3011

■ 68.1693, 0.3024,
0.3334

■ 18.9691, 0.4609,
0.2974

■ 80.1729, 0.2931,
0.3379

■ 16.2174, 0.5008,
0.2960

■ 90.6564, 0.2852,
0.3373

■ 14.3156, 0.5413,
0.2979

■ 91.1615, 0.2811,
0.3289

■ 13.1624, 0.5779,
0.3035

■ 12.5962, 0.6049,
0.3106

Harmonies

Analogous

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



40.0409, 0.3221, 0.2999



40.0409, 0.3455, 0.3176



40.0409, 0.3601, 0.3386

Triad

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



40.0409, 0.3455, 0.3176



40.0409, 0.3271, 0.3725



40.0409, 0.2663, 0.2977

Complementary

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



40.0409, 0.3455, 0.3176



52.9643, 0.2876, 0.3408

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.



40.0409, 0.2676, 0.3163



40.0409, 0.3455, 0.3176



40.0409, 0.3020, 0.3610

Square

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



40.0409, 0.3455, 0.3176



40.0409, 0.3490, 0.3710



40.0409, 0.2804, 0.3398



40.0409, 0.2768, 0.2882

Rectangle

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



40.0409, 0.3455, 0.3176



40.0409, 0.3625, 0.3521



40.0409, 0.2804, 0.3398



40.0409, 0.2654, 0.3030

Sweetspot

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



40.0427, 0.3455, 0.3176



89.8732, 0.3208, 0.3258



40.2090, 0.3068, 0.2762



19.0111, 0.3218, 0.3255



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.



40.0427, 0.3455, 0.3176



63.0335, 0.3545, 0.3150



44.0142, 0.3512, 0.3443



10.6735, 0.3256, 0.3241



7.9286, 0.6016, 0.3088



0.3864, 0.5424, 0.2761

Inverse Universe

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



40.0427, 0.3455, 0.3176



63.0335, 0.3545, 0.3150



48.0352, 0.2808, 0.3132



10.6735, 0.3256, 0.3241



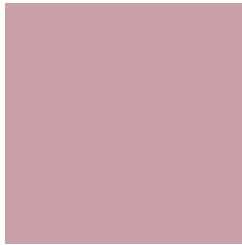
7.9286, 0.6016, 0.3088



0.3864, 0.5424, 0.2761

Previews

White Background



This preview shows how the Yxy color 40.0409, 0.3455, 0.3176 looks on a white background.

Color Contrast Check

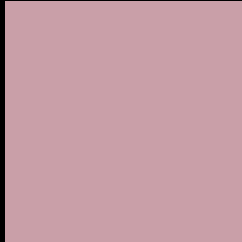
Large Text (above 18pt) WCAG AA × Fail

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 40.0409, 0.3455, 0.3176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

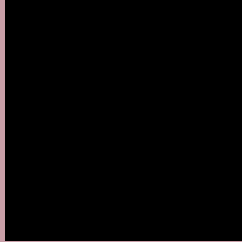
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.0409, 0.3455, 0.3176

Background



This preview shows how black text looks on a background with the Yxy color 40.0409, 0.3455, 0.3176.



This preview shows how white text looks on a background with the Yxy color 40.0409, 0.3455, 0.3176.

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

40.0409, 0.3455, 0.3176

Protanopia

40.2026, 0.3112, 0.3221

Deuteranopia

39.9057, 0.3319, 0.3251



Tritanopia

40.1541, 0.3426, 0.3138

Trichromacy



Original Color

40.0409, 0.3455, 0.3176

Protanomaly

39.9561, 0.3234, 0.3197

Deuteranomaly

39.8371, 0.3370, 0.3225

Tritanomaly

40.1161, 0.3435, 0.3151

Monochromacy



Original Color

40.0409, 0.3455, 0.3176

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.0128, 0.3240, 0.3250

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.0409, 0.3455, 0.3176 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(201, 159, 168)` looks like.

```
.text, #text, p{  
    color:rgb(201, 159, 168)  
}
```

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(201, 159, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 159, 168) }
```

Border

The CSS property to change the border of an element to Yxy 40.0409, 0.3455, 0.3176 is called "border". The border property can be set on classes, ids or directly on the HTML element.

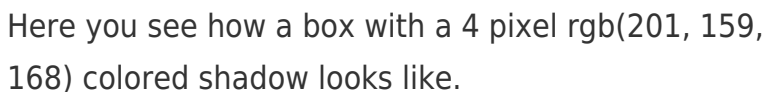
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(201, 159, 168) }
```

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

```
.border{ border-color:rgb(201, 159, 168) }
```

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



Here you see how a box with a 4 pixel `rgb(201, 159, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(201, 159, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(201, 159, 168); box-shadow:4px 4px 4px 4px rgb(201, 159, 168) }
```


Background

The CSS property to change the background color of an element to Yxy 40.0409, 0.3455, 0.3176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 159, 168) }
```

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

```
.background{ background-color: rgb(201,  
159, 168) }
```

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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