

Converting Colors

$Yxy(40.2138, 0.3469, 0.3103)$

Have a look what the booklet for
Yxy(40.2138, 0.3469, 0.3103)
contains.

Yxy(40.2143, 0.3469, 0.3103)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(40.2143, 0.3469, 0.3103)

Conversions

Conversions Part 1

Format	Color
Hex	CE9DAC
RGB	206, 157, 172
RGB Percent	81%, 62%, 67%
CMY	0.1922, 0.3843, 0.3255
CMYK	0.00, 0.24, 0.17, 0.19
HSL	342°, 33%, 71%
HSV	342°, 24%, 81%
XYZ	44.9576, 40.2143, 44.4262
YIQ	173.3610, 24.3890, 15.0530

Conversions

Conversions Part 2

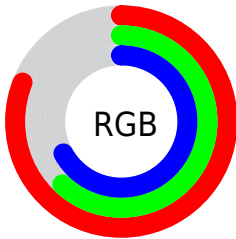
Format	Color
R_{YB}	206, 157, 172
Decimal	13540780
CIE Lab	69.62, 20.52, -0.72
CIE LCh	70, 20.528, 358.003
Yxy	40.2143, 0.3469, 0.3103
Android (android.graphics.Color)	4291730860 (0xFFCE9DAC)
YUV	173.3610, -0.6710, 28.6244
Hunter-Lab	63.4147, 15.5709, 2.8537

Details

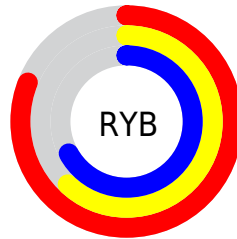
The Yxy color **40.2143, 0.3469, 0.3103** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **55.0729, 0.2873, 0.3486**, and the grayscale version is **41.9784, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.8930, 0.3342, 0.3140**, and **18.0385, 0.3571, 0.3038** is the 20% darker color. If you saturate the color by 10%, you get **33.3031, 0.3669, 0.3020**, and if you desaturate by 10%, it is **48.3634, 0.3305, 0.3185**.

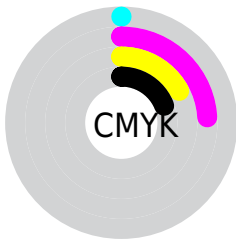
Distribution



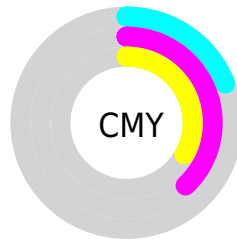
- Red (81%)
- Green (62%)
- Blue (67%)



- Red (81%)
- Yellow (62%)
- Blue (67%)



- Cyan (0%)
- Magenta (24%)
- Yellow (17%)
- Black (19%)





- Cyan (19%)
- Magenta (38%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 40.2143, 0.3469, 0.3103 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 40.2143, 0.3469, 0.3103 by changing the saturation by 10% instead.


 40.2143, 0.3469,
0.3103


 40.2143, 0.3469,
0.3103


347.0260, 0.3294,
0.3199

 27.7057, 0.3514,
0.3079


 75.4897, 0.3404,
0.3138

 18.1039, 0.3573,
0.3047


 99.0253, 0.3380,
0.3151

 11.0246, 0.3652,
0.3004


127.0054, 0.3360,
0.3162

 6.0834, 0.3766,
0.2942

159.8142, 0.3343,
0.3172

 2.8959, 0.3943,
0.2847

197.8363, 0.3328,
0.3180

 1.0776, 0.4252,
0.2683

241.4561, 0.3315,

 0.0000, 0.9905,

0.3187

0.0000

291.0578, 0.3304,
0.3193

0.0000, 0.0000,
0.0000

40.2143, 0.3469,
0.3103

40.2143, 0.3469,
0.3103

33.3031, 0.3669,
0.3020

48.3634, 0.3305,
0.3185

27.5636, 0.3910,
0.2939

57.8014, 0.3171,
0.3262

22.9317, 0.4195,
0.2869

68.5832, 0.3062,
0.3334

19.3347, 0.4521,
0.2817

80.7589, 0.2973,
0.3401

16.6914, 0.4876,
0.2797

91.1412, 0.2898,
0.3410

■ 14.9083, 0.5238,
0.2819

■ 91.8619, 0.2838,
0.3289

■ 13.8722, 0.5572,
0.2888

■ 13.4818, 0.5759,
0.2946

Harmonies

Analogous

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



40.2143, 0.3174, 0.2908



40.2143, 0.3469, 0.3103



40.2143, 0.3675, 0.3348

Triad

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



40.2143, 0.3469, 0.3103



40.2143, 0.3360, 0.3827



40.2143, 0.2563, 0.2950

Complementary

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



40.2143, 0.3469, 0.3103



55.0729, 0.2873, 0.3486

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.



40.2143, 0.2608, 0.3191



40.2143, 0.3469, 0.3103



40.2143, 0.3059, 0.3721

Square

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



40.2143, 0.3469, 0.3103



40.2143, 0.3606, 0.3772



40.2143, 0.2786, 0.3480



40.2143, 0.2659, 0.2814

Rectangle

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



40.2143, 0.3469, 0.3103



40.2143, 0.3727, 0.3514



40.2143, 0.2786, 0.3480



40.2143, 0.2562, 0.3020

Sweetspot

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



40.2161, 0.3469, 0.3103



88.3632, 0.3212, 0.3237



39.5813, 0.3014, 0.2678



18.7095, 0.3220, 0.3232



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.



40.2161, 0.3469, 0.3103



58.6732, 0.3576, 0.3057



42.8240, 0.3591, 0.3405



11.2693, 0.3243, 0.3219



8.3169, 0.5720, 0.2925



0.4427, 0.5155, 0.2613

Inverse Universe

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



40.2161, 0.3469, 0.3103



58.6732, 0.3576, 0.3057



51.5655, 0.2769, 0.3172



11.2693, 0.3243, 0.3219



8.3169, 0.5720, 0.2925



0.4427, 0.5155, 0.2613

Previews

White Background



This preview shows how the Yxy color 40.2143, 0.3469, 0.3103 looks on a white background.

Color Contrast Check

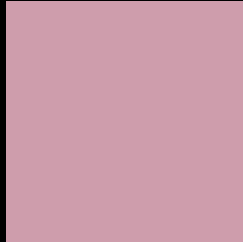
Large Text (above 18pt) WCAG AA × Fail

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 40.2143, 0.3469, 0.3103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

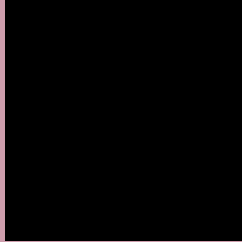
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.2143, 0.3469, 0.3103

Background



This preview shows how black text looks on a background with the Yxy color 40.2143, 0.3469, 0.3103.



This preview shows how white text looks on a background with the Yxy color 40.2143, 0.3469, 0.3103.

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

40.2143, 0.3469, 0.3103

Protanopia

40.2885, 0.3062, 0.3153

Deuteranopia

40.4153, 0.3281, 0.3211



Tritanopia

40.1380, 0.3489, 0.3128

Trichromacy



Original Color

40.2143, 0.3469, 0.3103

Protanomaly

40.2352, 0.3208, 0.3144

Deuteranomaly

40.2503, 0.3353, 0.3174

Tritanomaly

40.1760, 0.3479, 0.3115

Monochromacy



Original Color

40.2143, 0.3469, 0.3103

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

40.9689, 0.3242, 0.3211

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.2143, 0.3469, 0.3103 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(206, 157, 172)` looks like.

```
.text, #text, p{  
    color:rgb(206, 157, 172)  
}
```

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(206, 157, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 157, 172) }
```

Border

The CSS property to change the border of an element to Yxy 40.2143, 0.3469, 0.3103 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(206, 157, 172) }
```

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

```
.border{ border-color:rgb(206, 157, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 157, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 157, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 157, 172);  
box-shadow:4px 4px 4px 4px rgb(206, 157,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 40.2143, 0.3469, 0.3103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 157, 172) }
```

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

```
.background{ background-color: rgb(206,  
157, 172) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor