

Converting Colors

$Yxy(41.0051, 0.3304, 0.3194)$

Have a look what the booklet for
Yxy(41.0051, 0.3304, 0.3194)
contains.

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Color

Yxy(40.9652, 0.3310, 0.3199)

Conversions

Conversions Part 1

Format	Color
Hex	BFA5AC
RGB	191, 165, 172
RGB Percent	75%, 65%, 67%
CMY	0.2510, 0.3529, 0.3255
CMYK	0.00, 0.14, 0.10, 0.25
HSL	344°, 17%, 70%
HSV	344°, 14%, 75%
XYZ	42.3866, 40.9652, 44.7044
YIQ	173.5720, 13.2490, 7.6890

Conversions

Conversions Part 2

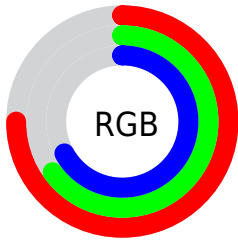
Format	Color
R_{YB}	191, 165, 172
Decimal	12559788
CIE _{Lab}	70.15, 10.66, -0.11
CIE _{LCh}	70, 10.661, 359.402
Yxy	40.9652, 0.3310, 0.3199
Android (android.graphics.Color)	4290749868 (0xFFBFA5AC)
YUV	173.5720, -0.7750, 15.2844
Hunter-Lab	64.0041, 6.2043, 3.3910

Details

The Yxy color **40.9652, 0.3310, 0.3199** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.7202, 0.2972, 0.3383**, and the grayscale version is **42.0963, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.6889, 0.3281, 0.3219**, and **18.4847, 0.3358, 0.3165** is the 20% darker color. If you saturate the color by 10%, you get **34.0751, 0.3481, 0.3128**, and if you desaturate by 10%, it is **48.9442, 0.3171, 0.3267**.

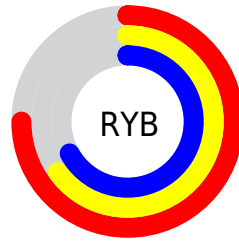
Distribution



Red (75%)

Green (65%)

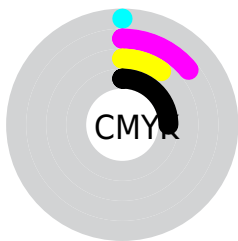
Blue (67%)



Red (75%)

Yellow (65%)

Blue (67%)

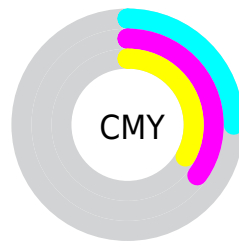


Cyan (0%)

Magenta (14%)

Yellow (10%)

Black (25%)



Cyan (25%)


Magenta (35%)

Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.9652, 0.3310, 0.3199 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 40.9652, 0.3310, 0.3199 by changing the saturation by 10% instead.


 40.9652, 0.3310,
0.3199

 40.9652, 0.3310,
0.3199


350.1751, 0.3217,
0.3246

 28.2919, 0.3334,
0.3187


 76.6311, 0.3276,
0.3216

 18.5458, 0.3365,
0.3171


 100.3924, 0.3263,
0.3223

 11.3426, 0.3408,
0.3150


128.6186, 0.3252,
0.3228

 6.2977, 0.3468,
0.3120

161.6939, 0.3243,
0.3232

 3.0270, 0.3563,
0.3073

200.0028, 0.3235,
0.3236

 1.1458, 0.3728,
0.2991

243.9298, 0.3228,

 0.0168, 0.8658,

0.3240

0.0526

293.8591, 0.3222,
0.3243

0.0000, 0.0000,
0.0000

40.9652, 0.3310,
0.3199

40.9652, 0.3310,
0.3199

34.0751, 0.3481,
0.3128

48.9442, 0.3171,
0.3267

28.2212, 0.3690,
0.3055

58.0510, 0.3057,
0.3330

23.3547, 0.3943,
0.2984

68.3290, 0.2965,
0.3388

19.4206, 0.4242,
0.2923

79.8181, 0.2890,
0.3440

16.3586, 0.4585,
0.2879

88.9938, 0.2824,
0.3431

■ 14.1011, 0.4958,
0.2864

■ 89.8158, 0.2757,
0.3289

■ 12.5706, 0.5336,
0.2887

■ 11.6738, 0.5680,
0.2955

■ 11.3186, 0.5873,
0.3009

Harmonies

Analogous

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



40.9652, 0.3161, 0.3091



40.9652, 0.3310, 0.3199



40.9652, 0.3410, 0.3332

Triad

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



40.9652, 0.3310, 0.3199



40.9652, 0.3244, 0.3561



40.9652, 0.2831, 0.3113

Complementary

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



40.9652, 0.3310, 0.3199



48.7202, 0.2972, 0.3383

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.



40.9652, 0.2852, 0.3237



40.9652, 0.3310, 0.3199



40.9652, 0.3088, 0.3502

Square

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



40.9652, 0.3310, 0.3199



40.9652, 0.3371, 0.3543



40.9652, 0.2945, 0.3381



40.9652, 0.2886, 0.3039

Rectangle

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



40.9652, 0.3310, 0.3199



40.9652, 0.3435, 0.3419



40.9652, 0.2945, 0.3381



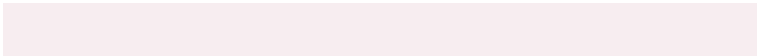
40.9652, 0.2829, 0.3150

Sweetspot

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



40.9670, 0.3310, 0.3199



86.9690, 0.3176, 0.3264



40.8188, 0.3076, 0.2952



18.8446, 0.3186, 0.3259



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



40.9670, 0.3310, 0.3199



69.9240, 0.3352, 0.3180



42.7816, 0.3364, 0.3364



9.5774, 0.3247, 0.3228



7.4505, 0.5839, 0.2990



0.3032, 0.5135, 0.2602

Inverse Universe

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



40.9670, 0.3310, 0.3199



69.9240, 0.3352, 0.3180



46.6120, 0.2920, 0.3214



9.5774, 0.3247, 0.3228



7.4505, 0.5839, 0.2990



0.3032, 0.5135, 0.2602

Previews

White Background



This preview shows how the Yxy color 40.9652, 0.3310, 0.3199 looks on a white background.

Color Contrast Check

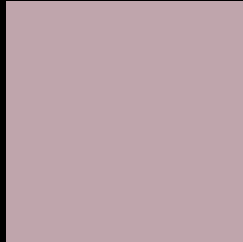
Large Text (above 18pt) WCAG AA × Fail

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 40.9652, 0.3310, 0.3199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

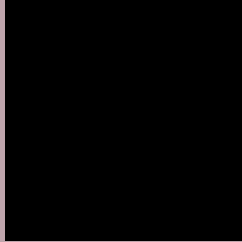
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.9652, 0.3310, 0.3199

Background



This preview shows how black text looks on a background with the Yxy color 40.9652, 0.3310, 0.3199.



This preview shows how white text looks on a background with the Yxy color 40.9652, 0.3310, 0.3199.

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

40.9652, 0.3310, 0.3199

Protanopia

41.2196, 0.3121, 0.3236

Deuteranopia

40.9424, 0.3280, 0.3211



Tritanopia

40.9317, 0.3276, 0.3122

Trichromacy



Original Color

40.9652, 0.3310, 0.3199

Protanomaly

41.1352, 0.3185, 0.3223

Deuteranomaly

41.0698, 0.3290, 0.3212

Tritanomaly

40.8525, 0.3294, 0.3147

Monochromacy



Original Color

40.9652, 0.3310, 0.3199

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.8462, 0.3192, 0.3263

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.9652, 0.3310, 0.3199 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(191, 165, 172)` looks like.

```
.text, #text, p{  
    color:rgb(191, 165, 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(191, 165, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 165, 172) }
```

Border

The CSS property to change the border of an element to Yxy 40.9652, 0.3310, 0.3199 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(191, 165, 172) }
```

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

```
.border{ border-color:rgb(191, 165, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 165, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 165, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 165, 172);  
box-shadow:4px 4px 4px 4px rgb(191, 165,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 40.9652, 0.3310, 0.3199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 165, 172) }
```

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

```
.background{ background-color: rgb(191,  
165, 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](#).

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