

Converting Colors

$Y_{xy}(40.9055, 0.3321, 0.3174)$

Have a look what the booklet for
Yxy(40.9055, 0.3321, 0.3174)
contains.

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Color

Yxy(40.9055, 0.3321, 0.3174)

Conversions

Conversions Part 1

Format	Color
Hex	C1A4AD
RGB	193, 164, 173
RGB Percent	76%, 64%, 68%
CMY	0.2433, 0.3568, 0.3216
CMYK	0.00, 0.15, 0.10, 0.24
HSL	341°, 19%, 70%
HSV	341°, 15%, 76%
XYZ	42.8000, 40.9055, 45.1713
YIQ	173.6970, 14.3950, 8.9470

Conversions

Conversions Part 2

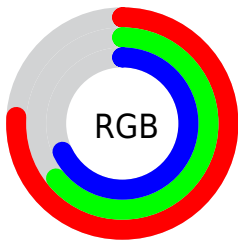
Format	Color
RYB	193, 164, 173
Decimal	12690605
CIELab	70.11, 12.08, -0.70
CIELCh	70, 12.099, 356.687
Yxy	40.9055, 0.3321, 0.3174
Android (android.graphics.Color)	4290880685 (0xFFC1A4AD)
YUV	173.6970, -0.3436, 16.9287
Hunter-Lab	63.9574, 7.5259, 2.8953

Details

The Yxy color $40.9055, 0.3321, 0.3174$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $49.4717, 0.2965, 0.3409$, and the grayscale version is $42.1586, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.5885, 0.3290, 0.3199$, and $18.4578, 0.3374, 0.3131$ is the 20% darker color. If you saturate the color by 10%, you get $34.0260, 0.3487, 0.3091$, and if you desaturate by 10%, it is $48.8878, 0.3185, 0.3253$.

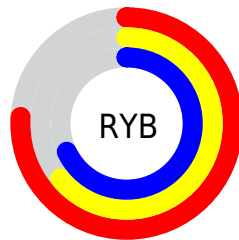
Distribution



Red (76%)

Green (64%)

Blue (68%)



Red (76%)

Yellow (64%)

Blue (68%)

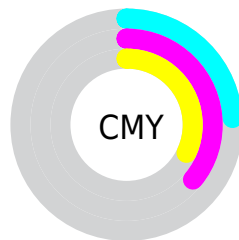


Cyan (0%)

Magenta (15%)

Yellow (10%)

Black (24%)



Cyan (24%)


Magenta (36%)


Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 40.9055, 0.3321, 0.3174 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 40.9055, 0.3321, 0.3174 by changing the saturation by 10% instead.


 40.9055, 0.3321,
0.3174


 40.9055, 0.3321,
0.3174


349.9255, 0.3222,
0.3233

 28.2453, 0.3346,
0.3159


 76.5404, 0.3285,
0.3196

 18.5106, 0.3379,
0.3139


 100.2839, 0.3271,
0.3204

 11.3172, 0.3424,
0.3113


128.4905, 0.3260,
0.3211

 6.2806, 0.3488,
0.3075

161.5448, 0.3250,
0.3216

 3.0165, 0.3588,
0.3016

199.8310, 0.3242,
0.3222

 1.1403, 0.3761,
0.2915

243.7336, 0.3234,

 0.0121, 0.8050,

0.3226

0.0319

293.6370, 0.3228,
0.3230

0.0000, 0.0000,
0.0000

40.9055, 0.3321,
0.3174

40.9055, 0.3321,
0.3174

34.0260, 0.3487,
0.3091

48.8878, 0.3185,
0.3253

28.1952, 0.3689,
0.3008

58.0128, 0.3074,
0.3326

23.3628, 0.3932,
0.2927

68.3254, 0.2984,
0.3394

19.4720, 0.4218,
0.2857

79.8661, 0.2910,
0.3456

16.4605, 0.4544,
0.2807

89.1152, 0.2846,
0.3455

■ 14.2581, 0.4897,
0.2790

■ 89.9336, 0.2778,
0.3312

■ 12.7839, 0.5254,
0.2815

■ 90.0706, 0.2767,
0.3289

■ 11.9397, 0.5583,
0.2888

■ 11.6551, 0.5734,
0.2932

Harmonies

Analogous

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



40.9055, 0.3149, 0.3056



40.9055, 0.3321, 0.3174



40.9055, 0.3442, 0.3323

Triad

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



40.9055, 0.3321, 0.3174



40.9055, 0.3274, 0.3601



40.9055, 0.2790, 0.3099

Complementary

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



40.9055, 0.3321, 0.3174



49.4717, 0.2965, 0.3409

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.



40.9055, 0.2822, 0.3244



40.9055, 0.3321, 0.3174



40.9055, 0.3098, 0.3541

Square

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



40.9055, 0.3321, 0.3174



40.9055, 0.3414, 0.3571



40.9055, 0.2933, 0.3408



40.9055, 0.2845, 0.3010

Rectangle

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



40.9055, 0.3321, 0.3174



40.9055, 0.3476, 0.3422



40.9055, 0.2933, 0.3408



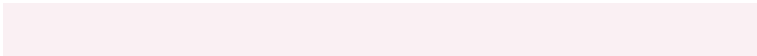
40.9055, 0.2791, 0.3142

Sweetspot

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



40.9073, 0.3321, 0.3174



89.0405, 0.3174, 0.3260



40.5720, 0.3062, 0.2915



18.8508, 0.3183, 0.3254



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.



40.9073, 0.3321, 0.3174



69.0364, 0.3372, 0.3147



42.5097, 0.3393, 0.3360



10.1282, 0.3241, 0.3219



7.7695, 0.5700, 0.2914



0.3483, 0.5051, 0.2556

Inverse Universe

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



40.9073, 0.3321, 0.3174



69.0364, 0.3372, 0.3147



47.5581, 0.2900, 0.3219



10.1282, 0.3241, 0.3219



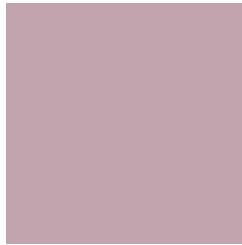
7.7695, 0.5700, 0.2914



0.3483, 0.5051, 0.2556

Previews

White Background



This preview shows how the Yxy color 40.9055, 0.3321, 0.3174 looks on a white background.

Color Contrast Check

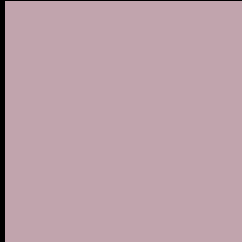
Large Text (above 18pt) WCAG AA × Fail

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 40.9055, 0.3321, 0.3174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

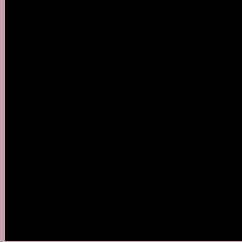
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.9055, 0.3321, 0.3174

Background



This preview shows how black text looks on a background with the Yxy color 40.9055, 0.3321, 0.3174.



This preview shows how white text looks on a background with the Yxy color 40.9055, 0.3321, 0.3174.

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

40.9055, 0.3321, 0.3174

Protanopia

41.1844, 0.3095, 0.3208

Deuteranopia

40.8544, 0.3262, 0.3198



Tritanopia

41.0230, 0.3294, 0.3135

Trichromacy



Original Color

40.9055, 0.3321, 0.3174

Protanomaly

40.8432, 0.3169, 0.3183

Deuteranomaly

40.7462, 0.3282, 0.3185

Tritanomaly

40.9835, 0.3303, 0.3148

Monochromacy



Original Color

40.9055, 0.3321, 0.3174

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.6292, 0.3193, 0.3237

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.9055, 0.3321, 0.3174 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(193, 164, 173)` looks like.

```
.text, #text, p{  
    color:rgb(193, 164, 173)  
}
```

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(193, 164, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 164, 173) }
```

Border

The CSS property to change the border of an element to Yxy 40.9055, 0.3321, 0.3174 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(193, 164, 173) }
```

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

```
.border{ border-color:rgb(193, 164, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 164, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 164, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 164, 173);  
box-shadow:4px 4px 4px 4px rgb(193, 164,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 40.9055, 0.3321, 0.3174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 164, 173) }
```

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

```
.background{ background-color: rgb(193,  
164, 173) }
```

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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