

Converting Colors

$Y_{xy}(41.1261, 0.3315, 0.3194)$

Have a look what the booklet for
Yxy(41.1261, 0.3315, 0.3194)
contains.

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Color

Yxy(41.0953, 0.3320, 0.3199)

Conversions

Conversions Part 1

Format	Color
Hex	C0A5AC
RGB	192, 165, 172
RGB Percent	75%, 65%, 67%
CMY	0.2469, 0.3530, 0.3255
CMYK	0.00, 0.14, 0.10, 0.25
HSL	344°, 18%, 70%
HSV	344°, 14%, 75%
XYZ	42.6497, 41.0953, 44.7180
YIQ	173.8710, 13.8450, 7.9010

Conversions

Conversions Part 2

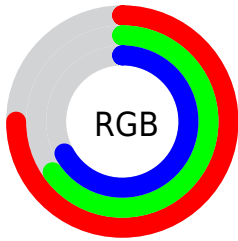
Format	Color
RYB	192, 165, 172
Decimal	12625324
CIELab	70.24, 11.06, 0.03
CIELCh	70, 11.056, 0.160
Yxy	41.0953, 0.3320, 0.3199
Android (android.graphics.Color)	4290815404 (0xFFC0A5AC)
YUV	173.8710, -0.9224, 15.8991
Hunter-Lab	64.1056, 6.5719, 3.5152

Details

The Yxy color **41.0953, 0.3320, 0.3199** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.2232, 0.2965, 0.3383**, and the grayscale version is **42.2608, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.8722, 0.3289, 0.3220**, and **18.5696, 0.3372, 0.3166** is the 20% darker color. If you saturate the color by 10%, you get **34.1646, 0.3495, 0.3130**, and if you desaturate by 10%, it is **49.1284, 0.3177, 0.3265**.

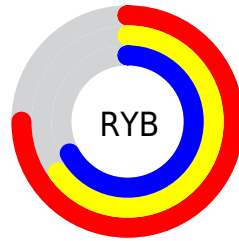
Distribution



Red (75%)

Green (65%)

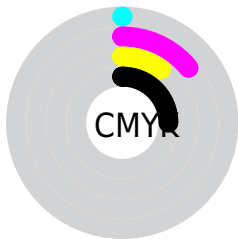
Blue (67%)



Red (75%)

Yellow (65%)

Blue (67%)

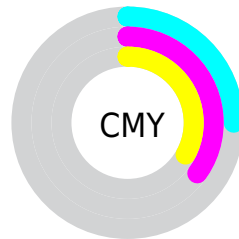


Cyan (0%)

Magenta (14%)

Yellow (10%)

Black (25%)



Cyan (25%)


Magenta (35%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.0953, 0.3320, 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 41.0953, 0.3320, 0.3199 by changing the saturation by 10% instead.


 41.0953, 0.3320,
0.3199


 41.0953, 0.3320,
0.3199


350.7188, 0.3222,
0.3246

 28.3936, 0.3345,
0.3187


 76.8285, 0.3284,
0.3216

 18.6225, 0.3378,
0.3171


 100.6288, 0.3270,
0.3223

 11.3979, 0.3423,
0.3150


128.8974, 0.3259,
0.3228

 6.3351, 0.3487,
0.3120

162.0187, 0.3249,
0.3233

 3.0499, 0.3586,
0.3073

200.3771, 0.3241,
0.3236

 1.1578, 0.3760,
0.2991

244.3570, 0.3234,

 0.0269, 0.8456,

0.3240

0.0769

294.3427, 0.3227,
0.3243

0.0000, 0.0000,
0.0000

41.0953, 0.3320,
0.3199

41.0953, 0.3320,
0.3199

34.1646, 0.3495,
0.3130

49.1284, 0.3177,
0.3265

28.2828, 0.3709,
0.3060

58.3035, 0.3062,
0.3325

23.4001, 0.3968,
0.2992

68.6650, 0.2967,
0.3381

19.4604, 0.4275,
0.2934

80.2532, 0.2890,
0.3432

16.4021, 0.4625,
0.2893

89.2112, 0.2822,
0.3416

■ 14.1563, 0.5005,
0.2881

■ 89.9531, 0.2763,
0.3289

■ 12.6436, 0.5386,
0.2908

■ 11.7683, 0.5729,
0.2977

■ 11.4419, 0.5906,
0.3027

Harmonies

Analogous

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



41.0953, 0.3166, 0.3086



41.0953, 0.3320, 0.3199



41.0953, 0.3422, 0.3337

Triad

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



41.0953, 0.3320, 0.3199



41.0953, 0.3244, 0.3571



41.0953, 0.2821, 0.3103

Complementary

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



41.0953, 0.3320, 0.3199



49.2232, 0.2965, 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.



41.0953, 0.2841, 0.3232



41.0953, 0.3320, 0.3199



41.0953, 0.3082, 0.3507

Square

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



41.0953, 0.3320, 0.3199



41.0953, 0.3377, 0.3554



41.0953, 0.2935, 0.3381



41.0953, 0.2880, 0.3029

Rectangle

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



41.0953, 0.3320, 0.3199



41.0953, 0.3446, 0.3426



41.0953, 0.2935, 0.3381



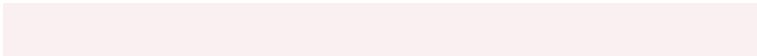
41.0953, 0.2818, 0.3141

Sweetspot

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



41.0971, 0.3320, 0.3199



89.0100, 0.3177, 0.3265



41.0067, 0.3078, 0.2940



18.8431, 0.3187, 0.3260



97.7402, 0.3127, 0.3290



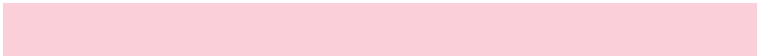
20.4902, 0.3127, 0.3290

Same Dimension

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



41.0971, 0.3320, 0.3199



70.2186, 0.3372, 0.3177



43.1688, 0.3373, 0.3373



10.1198, 0.3249, 0.3230



7.7057, 0.5875, 0.3010



0.3447, 0.5218, 0.2648

Inverse Universe

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



41.0971, 0.3320, 0.3199



70.2186, 0.3372, 0.3177



46.8123, 0.2913, 0.3205



10.1198, 0.3249, 0.3230



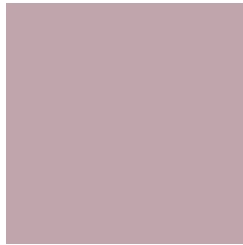
7.7057, 0.5875, 0.3010



0.3447, 0.5218, 0.2648

Previews

White Background



This preview shows how the Yxy color 41.0953, 0.3320, 0.3199 looks on a white background.

Color Contrast Check

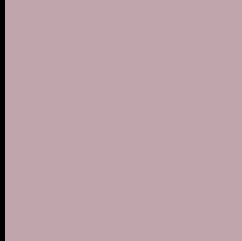
Large Text (above 18pt) WCAG AA × Fail

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 41.0953, 0.3320, 0.3199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

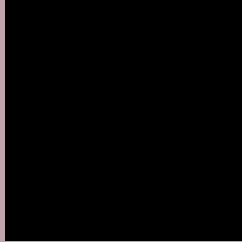
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.0953, 0.3320, 0.3199

Background



This preview shows how black text looks on a background with the Yxy color 41.0953, 0.3320, 0.3199.



This preview shows how white text looks on a background with the Yxy color 41.0953, 0.3320, 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

41.0953, 0.3320, 0.3199

Protanopia

41.2196, 0.3121, 0.3236

Deuteranopia

40.9424, 0.3280, 0.3211



Tritanopia

41.0627, 0.3285, 0.3122

Trichromacy



Original Color

41.0953, 0.3320, 0.3199

Protanomaly

41.2557, 0.3194, 0.3223

Deuteranomaly

41.0698, 0.3290, 0.3212

Tritanomaly

40.9835, 0.3303, 0.3148

Monochromacy



Original Color

41.0953, 0.3320, 0.3199

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.9667, 0.3201, 0.3263

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.0953, 0.3320, 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(192, 165, 172)` looks like.

```
.text, #text, p{  
    color:rgb(192, 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(192, 165, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 165, 172) }
```

Border

The CSS property to change the border of an element to Yxy 41.0953, 0.3320, 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(192, 165, 172) }
```

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

```
.border{ border-color:rgb(192, 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(192, 165, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 165, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 165, 172);  
box-shadow:4px 4px 4px 4px rgb(192, 165,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 41.0953, 0.3320, 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(192, 165, 172) }
```

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

```
.background{ background-color: rgb(192,  
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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