

Converting Colors

$Y_{xy}(40.3520, 0.3243, 0.3225)$

Have a look what the booklet for
Yxy(40.3520, 0.3243, 0.3225)
contains.

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Color

Yxy(40.2800, 0.3242, 0.3223)

Conversions

Conversions Part 1

Format	Color
Hex	B7A6AB
RGB	183, 166, 171
RGB Percent	72%, 65%, 67%
CMY	0.2823, 0.3490, 0.3293
CMYK	0.00, 0.09, 0.07, 0.28
HSL	342°, 11%, 68%
HSV	342°, 9%, 72%
XYZ	40.5175, 40.2800, 44.1793
YIQ	171.6530, 8.5270, 5.1590

Conversions

Conversions Part 2

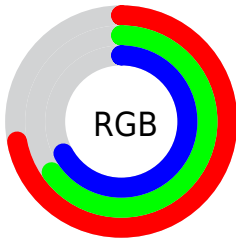
Format	Color
R_{YB}	183, 166, 171
Decimal	12035755
CIE Lab	69.67, 7.04, -0.36
CIE LCh	70, 7.052, 357.076
Yxy	40.2800, 0.3242, 0.3223
Android (android.graphics.Color)	4290225835 (0xFFB7A6AB)
YUV	171.6530, -0.3219, 9.9513
Hunter-Lab	63.4665, 2.8892, 3.1546

Details

The Yxy color **40.2800, 0.3242, 0.3223** is a light color, and the websafe version is hex **999999**. A complement of this color would be **45.1887, 0.3024, 0.3358**, and the grayscale version is **41.0705, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.5546, 0.3222, 0.3238**, and **18.1124, 0.3276, 0.3198** is the 20% darker color. If you saturate the color by 10%, you get **33.6269, 0.3392, 0.3147**, and if you desaturate by 10%, it is **47.9313, 0.3119, 0.3295**.

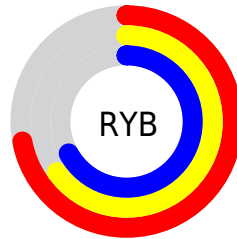
Distribution



Red (72%)

Green (65%)

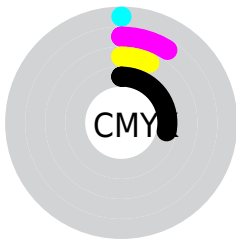
Blue (67%)



Red (72%)

Yellow (65%)

Blue (67%)

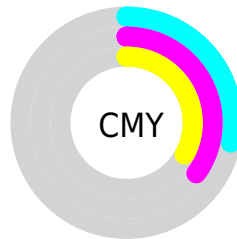


Cyan (0%)

Magenta (9%)

Yellow (7%)

Black (28%)



Cyan (28%)

Magenta (35%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 40.2800, 0.3242, 0.3223 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 40.2800, 0.3242, 0.3223 by changing the saturation by 10% instead.


 40.2800, 0.3242,
0.3223


 40.2800, 0.3242,
0.3223

347.3023, 0.3183,
0.3257

 27.7569, 0.3257,
0.3214


 75.5897, 0.3220,
0.3236

 18.1425, 0.3277,
0.3203


 99.1451, 0.3212,
0.3240

 11.0523, 0.3304,
0.3187


127.1468, 0.3205,
0.3244

 6.1021, 0.3342,
0.3165

159.9790, 0.3200,
0.3248

 2.9072, 0.3402,
0.3130

198.0263, 0.3195,
0.3251

 1.0835, 0.3509,
0.3068

241.6730, 0.3190,

 0.0000, 1.0000,

0.3253

0.0000

291.3036, 0.3187,
0.3255

0.0000, 0.0000,
0.0000

40.2800, 0.3242,
0.3223

40.2800, 0.3242,
0.3223

33.6269, 0.3392,
0.3147

47.9313, 0.3119,
0.3295

27.9257, 0.3576,
0.3067

56.6142, 0.3019,
0.3362

23.1339, 0.3799,
0.2988

66.3672, 0.2937,
0.3423

19.2041, 0.4066,
0.2915

77.2252, 0.2870,
0.3478

16.0845, 0.4375,
0.2856

87.6141, 0.2813,
0.3503

■ 13.7176, 0.4721,
0.2821

■ 88.3887, 0.2748,
0.3360

■ 12.0381, 0.5086,
0.2822

■ 88.8076, 0.2716,
0.3289

■ 10.9698, 0.5441,
0.2868

■ 10.3715, 0.5756,
0.2950

Harmonies

Analogous

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



40.2800, 0.3142, 0.3152



40.2800, 0.3242, 0.3223



40.2800, 0.3311, 0.3312

Triad

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



40.2800, 0.3242, 0.3223



40.2800, 0.3213, 0.3470



40.2800, 0.2928, 0.3178

Complementary

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



40.2800, 0.3242, 0.3223



45.1887, 0.3024, 0.3358

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.



40.2800, 0.2946, 0.3264



40.2800, 0.3242, 0.3223



40.2800, 0.3110, 0.3434

Square

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



40.2800, 0.3242, 0.3223



40.2800, 0.3294, 0.3456



40.2800, 0.3012, 0.3358



40.2800, 0.2962, 0.3125

Rectangle

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



40.2800, 0.3242, 0.3223



40.2800, 0.3331, 0.3371



40.2800, 0.3012, 0.3358



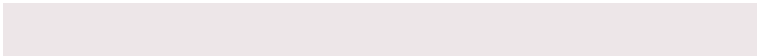
40.2800, 0.2928, 0.3204

Sweetspot

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



40.2818, 0.3242, 0.3223



80.4778, 0.3162, 0.3269



40.1454, 0.3091, 0.3063



17.5286, 0.3172, 0.3263



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



40.2818, 0.3242, 0.3223



69.7529, 0.3268, 0.3209



41.3464, 0.3282, 0.3336



9.0547, 0.3243, 0.3223



7.2201, 0.5746, 0.2939



0.2657, 0.4992, 0.2524

Inverse Universe

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



40.2818, 0.3242, 0.3223



69.7529, 0.3268, 0.3209



44.0083, 0.2986, 0.3243



9.0547, 0.3243, 0.3223



7.2201, 0.5746, 0.2939



0.2657, 0.4992, 0.2524

Previews

White Background



This preview shows how the Yxy color 40.2800, 0.3242, 0.3223 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 40.2800, 0.3242, 0.3223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

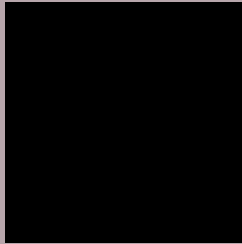
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.2800, 0.3242, 0.3223

Background



This preview shows how black text looks on a background with the Yxy color 40.2800, 0.3242, 0.3223.



This preview shows how white text looks on a background with the Yxy color 40.2800, 0.3242, 0.3223.

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

40.2800, 0.3242, 0.3223

Protanopia

40.1637, 0.3121, 0.3235

Deuteranopia

40.2896, 0.3272, 0.3211



Tritanopia

40.3150, 0.3191, 0.3118

Trichromacy



Original Color

40.2800, 0.3242, 0.3223

Protanomaly

40.2139, 0.3166, 0.3236

Deuteranomaly

40.1648, 0.3262, 0.3210

Tritanomaly

40.1958, 0.3217, 0.3157

Monochromacy



Original Color

40.2800, 0.3242, 0.3223

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.9581, 0.3165, 0.3263

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.2800, 0.3242, 0.3223 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(183, 166, 171)` looks like.

```
.text, #text, p{  
    color:rgb(183, 166, 171)  
}
```

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(183, 166, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 166, 171) }
```

Border

The CSS property to change the border of an element to Yxy 40.2800, 0.3242, 0.3223 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(183, 166, 171) }
```

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

```
.border{ border-color:rgb(183, 166, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 166, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 166, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 166, 171);  
box-shadow:4px 4px 4px 4px rgb(183, 166,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 40.2800, 0.3242, 0.3223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 166, 171) }
```

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

```
.background{ background-color: rgb(183,  
166, 171) }
```

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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