

Converting Colors

$Y_{xy}(41.5889, 0.3226, 0.3220)$

Have a look what the booklet for
Yxy(41.5889, 0.3226, 0.3220)
contains.

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Color

Yxy(41.6223, 0.3222, 0.3224)

Conversions

Conversions Part 1

Format	Color
Hex	B8A9AE
RGB	184, 169, 174
RGB Percent	72%, 66%, 68%
CMY	0.2784, 0.3372, 0.3177
CMYK	0.00, 0.08, 0.05, 0.28
HSL	340°, 10%, 69%
HSV	340°, 8%, 72%
XYZ	41.5965, 41.6223, 45.8826
YIQ	174.0550, 7.3350, 4.7350

Conversions

Conversions Part 2

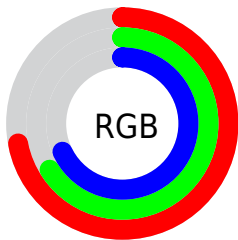
Format	Color
RYB	184, 169, 174
Decimal	12102062
CIELab	70.61, 6.30, -0.62
CIELCh	71, 6.327, 354.414
Yxy	41.6223, 0.3222, 0.3224
Android (android.graphics.Color)	4290292142 (0xFFB8A9AE)
YUV	174.0550, -0.0271, 8.7218
Hunter-Lab	64.5153, 2.1866, 2.9943

Details

The Yxy color **41.6223, 0.3222, 0.3224** is a light color, and the websafe version is hex **999999**. A complement of this color would be **45.9764, 0.3041, 0.3357**, and the grayscale version is **42.3559, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.4937, 0.3207, 0.3239**, and **18.9530, 0.3247, 0.3199** is the 20% darker color. If you saturate the color by 10%, you get **34.7951, 0.3362, 0.3139**, and if you desaturate by 10%, it is **49.4604, 0.3108, 0.3304**.

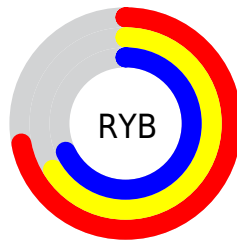
Distribution



Red (72%)

Green (66%)

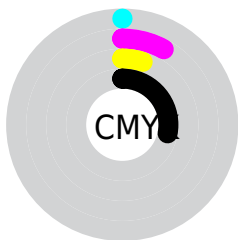
Blue (68%)



Red (72%)

Yellow (66%)

Blue (68%)

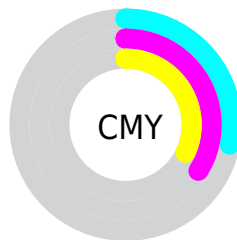


Cyan (0%)

Magenta (8%)

Yellow (5%)

Black (28%)



Cyan (28%)


Magenta (34%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.6223, 0.3222, 0.3224 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 41.6223, 0.3222, 0.3224 by changing the saturation by 10% instead.


 41.6223, 0.3222,
0.3224


 41.6223, 0.3222,
0.3224


352.9148, 0.3174,
0.3258

 28.8057, 0.3234,
0.3215


 77.6277, 0.3204,
0.3236

 18.9339, 0.3250,
0.3204


 101.5852, 0.3198,
0.3241

 11.6225, 0.3272,
0.3189


130.0251, 0.3192,
0.3245

 6.4872, 0.3303,
0.3168

163.3319, 0.3187,
0.3248

 3.1435, 0.3351,
0.3135

201.8898, 0.3183,
0.3251

 1.2071, 0.3434,
0.3078

246.0834, 0.3180,

 0.0675, 0.5421,

0.3253

0.1679

296.2969, 0.3177,
0.3256

0.0000, 0.0000,
0.0000

41.6223, 0.3222,
0.3224

41.6223, 0.3222,
0.3224

34.7951, 0.3362,
0.3139

49.4604, 0.3108,
0.3304

28.9323, 0.3532,
0.3050

58.3429, 0.3014,
0.3379

23.9915, 0.3738,
0.2960

68.3083, 0.2938,
0.3447

19.9254, 0.3983,
0.2877

79.3914, 0.2875,
0.3510

16.6821, 0.4269,
0.2806

87.7327, 0.2818,
0.3503

■ 14.2044, 0.4591,
0.2760

■ 88.4689, 0.2757,
0.3368

■ 12.4276, 0.4934,
0.2750

■ 88.9318, 0.2721,
0.3289

■ 11.2761, 0.5275,
0.2786

■ 10.6296, 0.5587,
0.2867

Harmonies

Analogous

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



41.6223, 0.3132, 0.3163



41.6223, 0.3222, 0.3224



41.6223, 0.3287, 0.3303

Triad

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



41.6223, 0.3222, 0.3224



41.6223, 0.3211, 0.3450



41.6223, 0.2950, 0.3197

Complementary

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



41.6223, 0.3222, 0.3224



45.9764, 0.3041, 0.3357

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.



41.6223, 0.2970, 0.3274



41.6223, 0.3222, 0.3224



41.6223, 0.3120, 0.3422

Square

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



41.6223, 0.3222, 0.3224



41.6223, 0.3280, 0.3434



41.6223, 0.3032, 0.3357



41.6223, 0.2976, 0.3146

Rectangle

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



41.6223, 0.3222, 0.3224



41.6223, 0.3306, 0.3355



41.6223, 0.3032, 0.3357



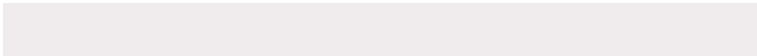
41.6223, 0.2951, 0.3221

Sweetspot

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



41.6241, 0.3222, 0.3224



83.9209, 0.3149, 0.3274



41.4224, 0.3092, 0.3091



18.1247, 0.3148, 0.3275



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.



41.6241, 0.3222, 0.3224



72.8121, 0.3248, 0.3207



42.3727, 0.3262, 0.3324



9.0602, 0.3237, 0.3214



7.2687, 0.5610, 0.2864



0.2680, 0.4870, 0.2457

Inverse Universe

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



41.6241, 0.3222, 0.3224



72.8121, 0.3248, 0.3207



45.1518, 0.3003, 0.3256



9.0602, 0.3237, 0.3214



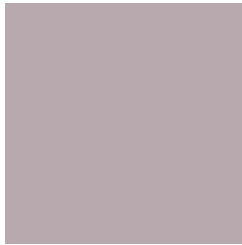
7.2687, 0.5610, 0.2864



0.2680, 0.4870, 0.2457

Previews

White Background



This preview shows how the Yxy color 41.6223, 0.3222, 0.3224 looks on a white background.

Color Contrast Check

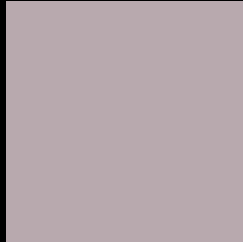
Large Text (above 18pt) WCAG AA × Fail

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 41.6223, 0.3222, 0.3224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

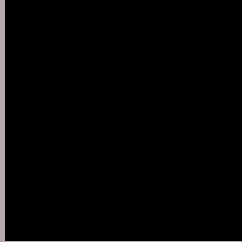
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

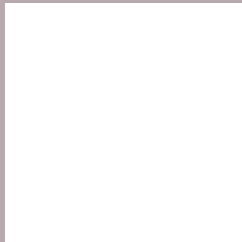
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.6223, 0.3222, 0.3224

Background



This preview shows how black text looks on a background with the Yxy color 41.6223, 0.3222, 0.3224.



This preview shows how white text looks on a background with the Yxy color 41.6223, 0.3222, 0.3224.

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

41.6223, 0.3222, 0.3224

Protanopia

41.7536, 0.3121, 0.3236

Deuteranopia

41.5122, 0.3271, 0.3199



Tritanopia

41.6557, 0.3172, 0.3120

Trichromacy



Original Color

41.6223, 0.3222, 0.3224

Protanomaly

41.6859, 0.3157, 0.3236

Deuteranomaly

41.6261, 0.3251, 0.3211

Tritanomaly

41.5339, 0.3197, 0.3158

Monochromacy



Original Color

41.6223, 0.3222, 0.3224

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.0260, 0.3164, 0.3263

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.6223, 0.3222, 0.3224 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(184, 169, 174)` looks like.

```
.text, #text, p{  
    color:rgb(184, 169, 174)  
}
```

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(184, 169, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 169, 174) }
```

Border

The CSS property to change the border of an element to Yxy 41.6223, 0.3222, 0.3224 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(184, 169, 174) }
```

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

```
.border{ border-color:rgb(184, 169, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 169, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 169, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 169, 174);  
box-shadow:4px 4px 4px 4px rgb(184, 169,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 41.6223, 0.3222, 0.3224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 169, 174) }
```

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

```
.background{ background-color: rgb(184,  
169, 174) }
```

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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