

Converting Colors

$Yxy(41.3409, 0.3277, 0.3206)$

Have a look what the booklet for
Yxy(41.3409, 0.3277, 0.3206)
contains.

| | |
|---|----|
| Yxy(41.4734, 0.3279, 0.3212) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(41.4734, 0.3279, 0.3212)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | BDA7AD |
| RGB | 189, 167, 173 |
| RGB Percent | 74%, 65%, 68% |
| CMY | 0.2590, 0.3450, 0.3216 |
| CMYK | 0.00, 0.12, 0.08, 0.26 |
| HSL | 344°, 14%, 70% |
| HSV | 344°, 12%, 74% |
| XYZ | 42.3385, 41.4734, 45.3083 |
| YIQ | 174.2620, 11.1860, 6.5300 |

Conversions

Conversions Part 2

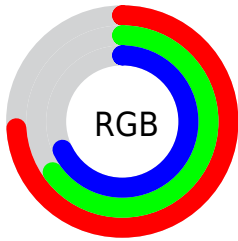
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 189, 167, 173 |
| Decimal | 12429229 |
| CIELab | 70.51, 8.99, -0.17 |
| CIElCh | 71, 8.988, 358.943 |
| Yxy | 41.4734, 0.3279, 0.3212 |
| Android (android.graphics.Color) | 4290619309 (0xFFBDA7AD) |
| YUV | 174.2620, -0.6222, 12.9252 |
| Hunter-Lab | 64.3998, 4.6518, 3.3666 |

Details

The Yxy color **41.4734, 0.3279, 0.3212** is a light color, and the websafe version is hex **999999**. A complement of this color would be **48.0097, 0.2995, 0.3369**, and the grayscale version is **42.4665, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.2565, 0.3251, 0.3229**, and **18.8762, 0.3328, 0.3183** is the 20% darker color. If you saturate the color by 10%, you get **34.5443, 0.3442, 0.3140**, and if you desaturate by 10%, it is **49.4724, 0.3146, 0.3280**.

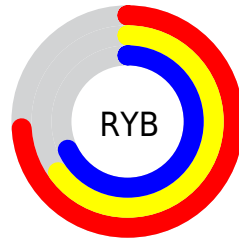
Distribution



Red (74%)

Green (65%)

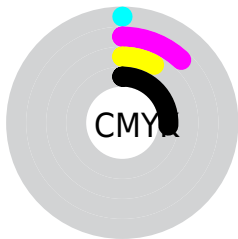
Blue (68%)



Red (74%)

Yellow (65%)

Blue (68%)

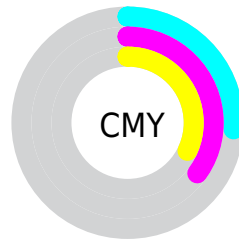


Cyan (0%)

Magenta (12%)

Yellow (8%)

Black (26%)



Cyan (26%)


Magenta (35%)

Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.4734, 0.3279, 0.3212 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 41.4734, 0.3279, 0.3212 by changing the saturation by 10% instead.


 41.4734, 0.3279,
0.3212


 41.4734, 0.3279,
0.3212


352.2953, 0.3202,
0.3252

 28.6892, 0.3299,
0.3202


 77.4020, 0.3251,
0.3227

 18.8458, 0.3325,
0.3189


 101.3152, 0.3240,
0.3232

 11.5589, 0.3360,
0.3171


129.7068, 0.3231,
0.3237

 6.4441, 0.3409,
0.3145

162.9613, 0.3223,
0.3241

 3.1170, 0.3487,
0.3105

201.4629, 0.3217,
0.3244

 1.1931, 0.3622,
0.3036

245.5962, 0.3211,

 0.0561, 0.6794,

0.3247

0.1397

295.7456, 0.3206,
0.3250

0.0000, 0.0000,
0.0000

41.4734, 0.3279,
0.3212

41.4734, 0.3279,
0.3212

34.5443, 0.3442,
0.3140

49.4724, 0.3146,
0.3280

28.6344, 0.3642,
0.3067

58.5785, 0.3038,
0.3342

23.6968, 0.3884,
0.2995

68.8336, 0.2950,
0.3400

19.6790, 0.4172,
0.2930

80.2762, 0.2877,
0.3452

16.5234, 0.4505,
0.2881

88.7266, 0.2813,
0.3432

■ 14.1659, 0.4871,
0.2858

■ 89.5525, 0.2747,
0.3289

■ 12.5332, 0.5249,
0.2873

■ 11.5384, 0.5602,
0.2931

■ 11.0561, 0.5861,
0.3002

Harmonies

Analogous

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



41.4734, 0.3154, 0.3121



41.4734, 0.3279, 0.3212



41.4734, 0.3364, 0.3324

Triad

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



41.4734, 0.3279, 0.3212



41.4734, 0.3227, 0.3517



41.4734, 0.2877, 0.3143

Complementary

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



41.4734, 0.3279, 0.3212



48.0097, 0.2995, 0.3369

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.



41.4734, 0.2896, 0.3248



41.4734, 0.3279, 0.3212



41.4734, 0.3097, 0.3468

Square

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



41.4734, 0.3279, 0.3212



41.4734, 0.3333, 0.3502



41.4734, 0.2976, 0.3369



41.4734, 0.2923, 0.3080

Rectangle

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



41.4734, 0.3279, 0.3212



41.4734, 0.3385, 0.3397



41.4734, 0.2976, 0.3369



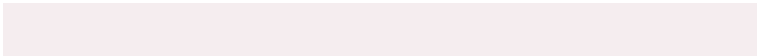
41.4734, 0.2876, 0.3174

Sweetspot

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



41.4752, 0.3279, 0.3212



86.4684, 0.3164, 0.3270



41.3527, 0.3085, 0.3004



18.3352, 0.3174, 0.3265



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



41.4752, 0.3279, 0.3212



70.8913, 0.3319, 0.3194



43.0222, 0.3325, 0.3353



9.5780, 0.3247, 0.3228



7.4544, 0.5828, 0.2984



0.3034, 0.5123, 0.2596

Inverse Universe

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



41.4752, 0.3279, 0.3212



70.8913, 0.3319, 0.3194



46.2539, 0.2951, 0.3226



9.5780, 0.3247, 0.3228



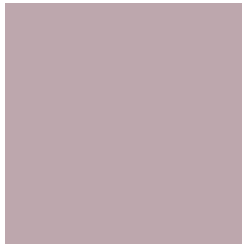
7.4544, 0.5828, 0.2984



0.3034, 0.5123, 0.2596

Previews

White Background



This preview shows how the Yxy color 41.4734, 0.3279, 0.3212 looks on a white background.

Color Contrast Check

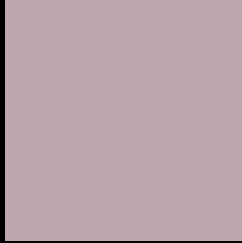
Large Text (above 18pt) WCAG AA × Fail

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 41.4734, 0.3279, 0.3212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

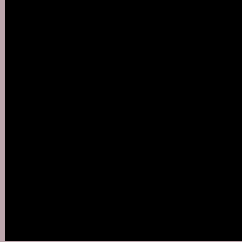
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.4734, 0.3279, 0.3212

Background



This preview shows how black text looks on a background with the Yxy color 41.4734, 0.3279, 0.3212.



This preview shows how white text looks on a background with the Yxy color 41.4734, 0.3279, 0.3212.

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

41.4734, 0.3279, 0.3212

Protanopia

41.7536, 0.3121, 0.3236

Deuteranopia

41.4734, 0.3279, 0.3212



Tritanopia

41.4743, 0.3237, 0.3121

Trichromacy



Original Color

41.4734, 0.3279, 0.3212

Protanomaly

41.5479, 0.3176, 0.3223

Deuteranomaly

41.4734, 0.3279, 0.3212

Tritanomaly

41.3939, 0.3255, 0.3147

Monochromacy



Original Color

41.4734, 0.3279, 0.3212

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.7655, 0.3174, 0.3250

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.4734, 0.3279, 0.3212 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(189, 167, 173)` looks like.

```
.text, #text, p{  
    color:rgb(189, 167, 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(189, 167, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 167, 173) }
```

Border

The CSS property to change the border of an element to Yxy 41.4734, 0.3279, 0.3212 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(189, 167, 173) }
```

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

```
.border{ border-color:rgb(189, 167, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 167, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 167, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 167, 173);  
box-shadow:4px 4px 4px 4px rgb(189, 167,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 41.4734, 0.3279, 0.3212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 167, 173) }
```

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

```
.background{ background-color: rgb(189,  
167, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor