

Converting Colors

$Y_{xy}(29.0000, 0.3723, 0.3222)$

Have a look what the booklet for
Yxy(29.0000, 0.3723, 0.3222)
contains.

Yxy(29.0000, 0.3723, 0.3222)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(29.0000, 0.3723, 0.3222)

Conversions

Conversions Part 1

Format	Color
Hex	BC8489
RGB	188, 132, 137
RGB Percent	74%, 52%, 54%
CMY	0.2627, 0.4824, 0.4628
CMYK	0.00, 0.30, 0.27, 0.26
HSL	355°, 29%, 63%
HSV	355°, 30%, 74%
XYZ	33.5093, 29.0000, 27.4969
YIQ	149.3140, 31.7710, 13.4270

Conversions

Conversions Part 2

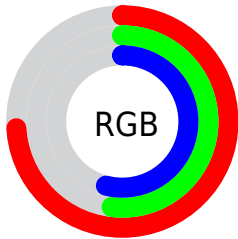
Format	Color
RYB	188, 132, 137
Decimal	12354697
CIELab	60.78, 22.27, 5.97
CIELCh	61, 23.050, 14.999
Yxy	29.0000, 0.3723, 0.3222
Android (android.graphics.Color)	4290544777 (0xFFBC8489)
YUV	149.3140, -6.0708, 33.9276
Hunter-Lab	53.8516, 16.8316, 7.4224

Details

The Yxy color **29.0000, 0.3723, 0.3222** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.3005, 0.2735, 0.3361**, and the grayscale version is **30.2109, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.8281, 0.3600, 0.3238**, and **11.7093, 0.3933, 0.3196** is the 20% darker color. If you saturate the color by 10%, you get **23.9005, 0.4023, 0.3199**, and if you desaturate by 10%, it is **35.0992, 0.3479, 0.3246**.

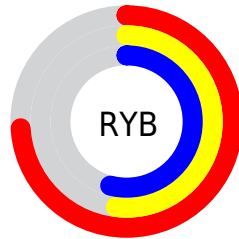
Distribution



Red (74%)

Green (52%)

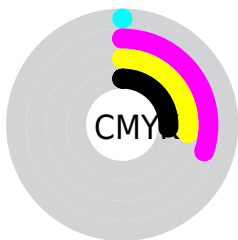
Blue (54%)



Red (74%)

Yellow (52%)

Blue (54%)

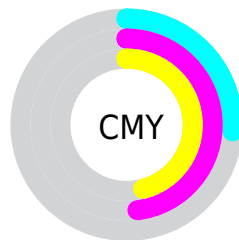


Cyan (0%)

Magenta (30%)

Yellow (27%)

Black (26%)



Cyan (26%)


Magenta (48%)

Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.0000, 0.3723, 0.3222 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 29.0000, 0.3723, 0.3222 by changing the saturation by 10% instead.

 29.0000, 0.3723,
0.3222


 29.0000, 0.3723,
0.3222


297.2150, 0.3399,
0.3264


 19.0808, 0.3813,
0.3208


 58.0771, 0.3599,
0.3239

 11.7287, 0.3936,
0.3189


 78.0038, 0.3554,
0.3245

 6.5592, 0.4110,
0.3159


 102.0351, 0.3517,
0.3250

 3.1880, 0.4379,
0.3106

130.5555, 0.3486,
0.3254

 1.2307, 0.4844,
0.3003

163.9492, 0.3460,
0.3257

 0.0865, 0.8785,
0.1215

202.6008, 0.3437,

 0.0000, 0.0000,

0.3259

0.0000

246.8946, 0.3417,
0.3262

■ 29.0000, 0.3723,
0.3222

■ 29.0000, 0.3723,
0.3222

■ 23.9005, 0.4023,
0.3199

■ 35.0992, 0.3479,
0.3246

■ 19.7435, 0.4383,
0.3179

■ 42.2432, 0.3282,
0.3269

■ 16.4724, 0.4799,
0.3166

■ 50.4791, 0.3124,
0.3290

■ 14.0228, 0.5249,
0.3165

■ 59.8501, 0.2997,
0.3310

■ 12.3217, 0.5687,
0.3179

■ 70.3970, 0.2894,
0.3328

■ 11.2830, 0.6053,
0.3210

■ 82.1585, 0.2810,
0.3345

■ 10.7432, 0.6298,
0.3245

■ 89.4341, 0.2742,
0.3289

■ 10.7339, 0.6302,
0.3246

Harmonies

Analogous

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



29.0000, 0.3400, 0.2943



29.0000, 0.3723, 0.3222



29.0000, 0.3877, 0.3531

Triad

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



29.0000, 0.3723, 0.3222



29.0000, 0.3202, 0.3920



29.0000, 0.2475, 0.2750

Complementary

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



29.0000, 0.3723, 0.3222



44.3005, 0.2735, 0.3361

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.



29.0000, 0.2432, 0.2977



29.0000, 0.3723, 0.3222



29.0000, 0.2836, 0.3677

Square

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



29.0000, 0.3723, 0.3222



29.0000, 0.3562, 0.3958



29.0000, 0.2559, 0.3318



29.0000, 0.2682, 0.2675

Rectangle

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



29.0000, 0.3723, 0.3222



29.0000, 0.3858, 0.3721



29.0000, 0.2559, 0.3318



29.0000, 0.2442, 0.2810

Sweetspot

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



29.0014, 0.3723, 0.3222



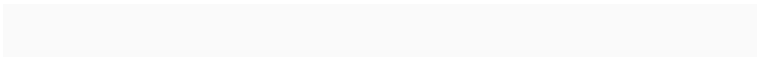
77.4498, 0.3271, 0.3270



30.1291, 0.3104, 0.2546



16.2193, 0.3297, 0.3267



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.



29.0014, 0.3723, 0.3222



46.0795, 0.3920, 0.3206



35.6053, 0.3693, 0.3600



9.5498, 0.3275, 0.3270



7.3113, 0.6285, 0.3236



0.2911, 0.5893, 0.3020

Inverse Universe

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



29.0014, 0.3723, 0.3222



46.0795, 0.3920, 0.3206



35.6681, 0.2667, 0.2957



9.5498, 0.3275, 0.3270



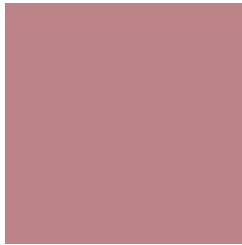
7.3113, 0.6285, 0.3236



0.2911, 0.5893, 0.3020

Previews

White Background



This preview shows how the Yxy color 29.0000, 0.3723, 0.3222 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 29.0000, 0.3723, 0.3222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

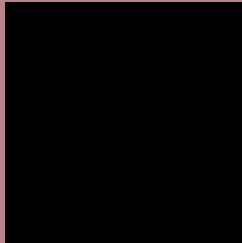
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.0000, 0.3723, 0.3222

Background



This preview shows how black text looks on a background with the Yxy color 29.0000, 0.3723, 0.3222.



This preview shows how white text looks on a background with the Yxy color 29.0000, 0.3723, 0.3222.

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

29.0000, 0.3723, 0.3222

Protanopia

29.0861, 0.3179, 0.3306

Deuteranopia

29.2023, 0.3463, 0.3397



Tritanopia

28.8471, 0.3679, 0.3153

Trichromacy



Original Color

29.0000, 0.3723, 0.3222

Protanomaly

28.8953, 0.3369, 0.3276

Deuteranomaly

28.9532, 0.3554, 0.3321

Tritanomaly

28.8174, 0.3691, 0.3166

Monochromacy



Original Color

29.0000, 0.3723, 0.3222

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

29.4758, 0.3322, 0.3260

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.0000, 0.3723, 0.3222 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(188, 132, 137)` looks like.

```
.text, #text, p{  
    color:rgb(188, 132, 137)  
}
```

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(188, 132, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 132, 137) }
```

Border

The CSS property to change the border of an element to Yxy 29.0000, 0.3723, 0.3222 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(188, 132, 137) }
```

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

```
.border{ border-color:rgb(188, 132, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 132, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 132, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 132, 137);  
box-shadow:4px 4px 4px 4px rgb(188, 132,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 29.0000, 0.3723, 0.3222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 132, 137) }
```

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

```
.background{ background-color: rgb(188,  
132, 137) }
```

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