

Converting Colors

Yxy(29.9624, 0.3628, 0.3130)

Have a look what the booklet for
Yxy(29.9624, 0.3628, 0.3130)
contains.

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Color

Yxy(29.9443, 0.3623, 0.3126)

Conversions

Conversions Part 1

Format	Color
Hex	BD8692
RGB	189, 134, 146
RGB Percent	74%, 53%, 57%
CMY	0.2587, 0.4745, 0.4275
CMYK	0.00, 0.29, 0.23, 0.26
HSL	347°, 29%, 63%
HSV	347°, 29%, 74%
XYZ	34.7051, 29.9443, 31.1417
YIQ	151.8130, 28.9280, 15.3920

Conversions

Conversions Part 2

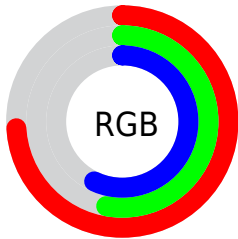
Format	Color
RYB	189, 134, 146
Decimal	12420754
CIELab	61.61, 22.86, 2.03
CIELCh	62, 22.954, 5.077
Yxy	29.9443, 0.3623, 0.3126
Android (android.graphics.Color)	4290610834 (0xFFBD8692)
YUV	151.8130, -2.8658, 32.6130
Hunter-Lab	54.7214, 17.4449, 4.5633

Details

The Yxy color **29.9443, 0.3623, 0.3126** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.6523, 0.2790, 0.3463**, and the grayscale version is **31.3188, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.7294, 0.3517, 0.3163**, and **12.3361, 0.3794, 0.3065** is the 20% darker color. If you saturate the color by 10%, you get **24.7488, 0.3873, 0.3068**, and if you desaturate by 10%, it is **36.1360, 0.3418, 0.3185**.

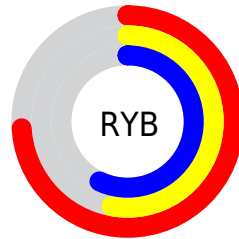
Distribution



Red (74%)

Green (53%)

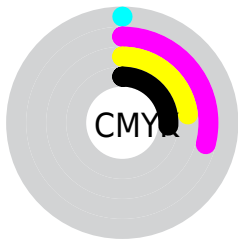
Blue (57%)



Red (74%)

Yellow (53%)

Blue (57%)

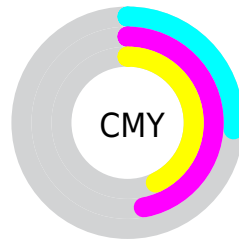


Cyan (0%)

Magenta (29%)

Yellow (23%)

Black (26%)



Cyan (26%)


Magenta (47%)

Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.9443, 0.3623, 0.3126 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 29.9443, 0.3623, 0.3126 by changing the saturation by 10% instead.


 29.9443, 0.3623,
0.3126

 29.9443, 0.3623,
0.3126


301.6447, 0.3356,
0.3216


 19.7963, 0.3697,
0.3101


 59.5741, 0.3521,
0.3161

 12.2471, 0.3796,
0.3066


 79.8247, 0.3484,
0.3173

 6.9122, 0.3936,
0.3017


 104.2116, 0.3454,
0.3183

 3.4072, 0.4151,
0.2940

133.1192, 0.3428,
0.3192

 1.3479, 0.4516,
0.2805

166.9319, 0.3406,
0.3199

 0.1778, 0.7602,
0.1859

206.0342, 0.3387,

 0.0000, 0.0000,


0.3206


0.0000

250.8103, 0.3371,
0.3211


 29.9443, 0.3623,
0.3126


 29.9443, 0.3623,
0.3126

 24.7488, 0.3873,
0.3068


 36.1360, 0.3418,
0.3185


 20.4934, 0.4174,
0.3015

 43.3679, 0.3251,
0.3241


 17.1225, 0.4524,
0.2974

 51.6865, 0.3116,
0.3295

 14.5733, 0.4913,
0.2954

 61.1342, 0.3007,
0.3343

 12.7744, 0.5317,
0.2965

 71.7511, 0.2917,
0.3388

■ 11.6422, 0.5694,
0.3013

■ 83.5753, 0.2844,
0.3429

■ 11.0302, 0.6004,
0.3089

■ 89.2114, 0.2774,
0.3348

■ 10.9846, 0.6029,
0.3095

■ 89.5630, 0.2747,
0.3289

Harmonies

Analogous

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



29.9443, 0.3272, 0.2872



29.9443, 0.3623, 0.3126



29.9443, 0.3838, 0.3428

Triad

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



29.9443, 0.3623, 0.3126



29.9443, 0.3324, 0.3946



29.9443, 0.2451, 0.2816

Complementary

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



29.9443, 0.3623, 0.3126



44.6523, 0.2790, 0.3463

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.



29.9443, 0.2464, 0.3084



29.9443, 0.3623, 0.3126



29.9443, 0.2954, 0.3769

Square

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



29.9443, 0.3623, 0.3126



29.9443, 0.3654, 0.3916



29.9443, 0.2643, 0.3439



29.9443, 0.2605, 0.2691

Rectangle

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



29.9443, 0.3623, 0.3126



29.9443, 0.3869, 0.3626



29.9443, 0.2643, 0.3439



29.9443, 0.2437, 0.2891

Sweetspot

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



29.9457, 0.3623, 0.3126



77.6057, 0.3252, 0.3241



29.9753, 0.3030, 0.2547



16.2575, 0.3274, 0.3233



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.



29.9457, 0.3623, 0.3126



47.4206, 0.3779, 0.3088



33.9341, 0.3706, 0.3494



9.5695, 0.3255, 0.3240



7.3975, 0.5999, 0.3078



0.2998, 0.5323, 0.2706

Inverse Universe

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



29.9457, 0.3623, 0.3126



47.4206, 0.3779, 0.3088



39.1525, 0.2689, 0.3076



9.5695, 0.3255, 0.3240



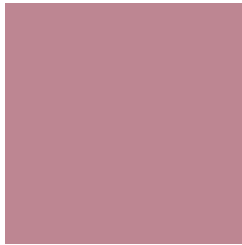
7.3975, 0.5999, 0.3078



0.2998, 0.5323, 0.2706

Previews

White Background



This preview shows how the Yxy color 29.9443, 0.3623, 0.3126 looks on a white background.

Color Contrast Check

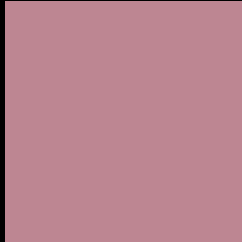
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.9443, 0.3623, 0.3126 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 29.9443, 0.3623, 0.3126

Background



This preview shows how black text looks on a background with the Yxy color 29.9443, 0.3623, 0.3126.



This preview shows how white text looks on a background with the Yxy color 29.9443, 0.3623, 0.3126.

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

29.9443, 0.3623, 0.3126

Protanopia

29.9969, 0.3091, 0.3197

Deuteranopia

29.9595, 0.3353, 0.3291



Tritanopia

29.8826, 0.3646, 0.3153

Trichromacy



Original Color

29.9443, 0.3623, 0.3126

Protanomaly

29.7718, 0.3272, 0.3171

Deuteranomaly

29.7992, 0.3450, 0.3218

Tritanomaly

29.9133, 0.3634, 0.3140

Monochromacy



Original Color

29.9443, 0.3623, 0.3126

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

30.4521, 0.3289, 0.3216

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.9443, 0.3623, 0.3126 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, 134, 146)` looks like.

```
.text, #text, p{  
    color:rgb(189, 134, 146)  
}
```

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, 134, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 134, 146) }
```

Border

The CSS property to change the border of an element to Yxy 29.9443, 0.3623, 0.3126 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, 134, 146) }
```

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

```
.border{ border-color:rgb(189, 134, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 134, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 134, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 134, 146);  
box-shadow:4px 4px 4px 4px rgb(189, 134,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 29.9443, 0.3623, 0.3126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 134, 146) }
```

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

```
.background{ background-color: rgb(189,  
134, 146) }
```

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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