

Converting Colors

$Yxy(29.5932, 0.3460, 0.2908)$

Have a look what the booklet for
Yxy(29.5932, 0.3460, 0.2908)
contains.

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Color

Yxy(29.7320, 0.3457, 0.2909)

Conversions

Conversions Part 1

Format	Color
Hex	BC84A0
RGB	188, 132, 160
RGB Percent	74%, 52%, 63%
CMY	0.2628, 0.4823, 0.3725
CMYK	0.00, 0.30, 0.15, 0.26
HSL	330°, 29%, 63%
HSV	330°, 30%, 74%
XYZ	35.3329, 29.7320, 37.1420
YIQ	151.9360, 24.3880, 20.5800

Conversions

Conversions Part 2

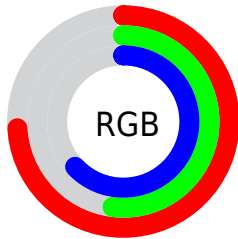
Format	Color
RYB	188, 132, 160
Decimal	12354720
CIELab	61.42, 25.80, -6.26
CIElCh	61, 26.546, 346.367
Yxy	29.7320, 0.3457, 0.2909
Android (android.graphics.Color)	4290544800 (0xFFBC84A0)
YUV	151.9360, 3.9756, 31.6281
Hunter-Lab	54.5271, 20.2437, -2.2174

Details

The Yxy color **29.7320, 0.3457, 0.2909** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **43.4017, 0.2890, 0.3707**, and the grayscale version is **31.3459, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.4366, 0.3389, 0.2985**, and **12.2070, 0.3562, 0.2786** is the 20% darker color. If you saturate the color by 10%, you get **24.7692, 0.3612, 0.2777**, and if you desaturate by 10%, it is **35.6410, 0.3326, 0.3042**.

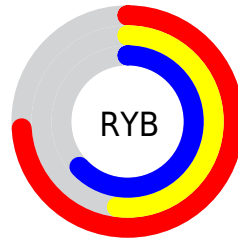
Distribution



Red (74%)

Green (52%)

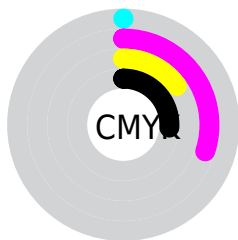
Blue (63%)



Red (74%)

Yellow (52%)

Blue (63%)

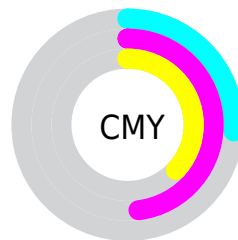


Cyan (0%)

Magenta (30%)

Yellow (15%)

Black (26%)



Cyan (26%)


Magenta (48%)

Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.7320, 0.3457, 0.2909 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 29.7320, 0.3457, 0.2909 by changing the saturation by 10% instead.


 29.7320, 0.3457,
0.2909


 29.7320, 0.3457,
0.2909


300.6532, 0.3283,
0.3108

 19.6353, 0.3504,
0.2856


 59.2381, 0.3391,
0.2984

 12.1302, 0.3566,
0.2787


 79.4162, 0.3367,
0.3011

 6.8324, 0.3654,
0.2691


 103.7236, 0.3347,
0.3034

 3.3575, 0.3783,
0.2551

132.5447, 0.3330,
0.3053

 1.3211, 0.3997,
0.2326

166.2638, 0.3316,
0.3070

 0.1575, 0.5042,
0.1019

205.2653, 0.3303,

 0.0000, 0.0000,

0.3084

0.0000

249.9337, 0.3292,
0.3097

■ 29.7320, 0.3457,
0.2909

■ 29.7320, 0.3457,
0.2909

■ 24.7692, 0.3612,
0.2777

■ 35.6410, 0.3326,
0.3042

■ 20.6985, 0.3794,
0.2653

■ 42.5383, 0.3216,
0.3170

■ 17.4669, 0.4000,
0.2546

■ 50.4683, 0.3125,
0.3293

■ 15.0137, 0.4229,
0.2468

■ 59.4716, 0.3050,
0.3407

■ 13.2701, 0.4471,
0.2431

■ 69.5867, 0.2988,
0.3513

■ 12.1549, 0.4716,
0.2444

■ 80.8499, 0.2936,
0.3610

■ 11.5112, 0.4955,
0.2505

■ 87.6867, 0.2890,
0.3610

■ 11.4981, 0.4960,
0.2506

■ 88.2158, 0.2841,
0.3505

■ 88.7736, 0.2793,
0.3401

Harmonies

Analogous

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



29.7320, 0.3018, 0.2684



29.7320, 0.3457, 0.2909



29.7320, 0.3822, 0.3225

Triad

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



29.7320, 0.3457, 0.2909



29.7320, 0.3602, 0.4057



29.7320, 0.2338, 0.2913

Complementary

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



29.7320, 0.3457, 0.2909



43.4017, 0.2890, 0.3707

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.



29.7320, 0.2471, 0.3299



29.7320, 0.3457, 0.2909



29.7320, 0.3189, 0.4008

Square

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



29.7320, 0.3457, 0.2909



29.7320, 0.3900, 0.3881



29.7320, 0.2776, 0.3718



29.7320, 0.2396, 0.2668

Rectangle

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



29.7320, 0.3457, 0.2909



29.7320, 0.3959, 0.3457



29.7320, 0.2776, 0.3718



29.7320, 0.2361, 0.3030

Sweetspot

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



29.7334, 0.3457, 0.2909



77.9566, 0.3210, 0.3178



27.5132, 0.2867, 0.2493



16.3438, 0.3225, 0.3160



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.



29.7334, 0.3457, 0.2909



47.5858, 0.3560, 0.2819



28.8866, 0.3770, 0.3279



9.6139, 0.3212, 0.3176



7.8454, 0.4933, 0.2491



0.3205, 0.4413, 0.2205

Inverse Universe

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



29.7334, 0.3457, 0.2909



47.5858, 0.3560, 0.2819



44.4544, 0.2709, 0.3302



9.6139, 0.3212, 0.3176



7.8454, 0.4933, 0.2491



0.3205, 0.4413, 0.2205

Previews

White Background



This preview shows how the Yxy color 29.7320, 0.3457, 0.2909 looks on a white background.

Color Contrast Check

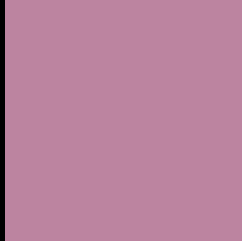
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.7320, 0.3457, 0.2909 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

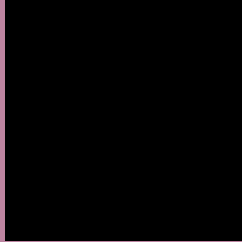
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.7320, 0.3457, 0.2909

Background



This preview shows how black text looks on a background with the Yxy color 29.7320, 0.3457, 0.2909.



This preview shows how white text looks on a background with the Yxy color 29.7320, 0.3457, 0.2909.

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

29.7320, 0.3457, 0.2909

Protanopia

29.7895, 0.2896, 0.2938

Deuteranopia

29.7861, 0.3147, 0.3080



Tritanopia

29.8114, 0.3597, 0.3152

Trichromacy



Original Color

29.7320, 0.3457, 0.2909

Protanomaly

29.6762, 0.3092, 0.2936

Deuteranomaly

29.8054, 0.3258, 0.3014

Tritanomaly

29.8170, 0.3554, 0.3070

Monochromacy



Original Color

29.7320, 0.3457, 0.2909

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

30.6167, 0.3239, 0.3142

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.7320, 0.3457, 0.2909 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, 160)` looks like.

```
.text, #text, p{  
    color:rgb(188, 132, 160)  
}
```

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, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 132, 160) }
```

Border

The CSS property to change the border of an element to Yxy 29.7320, 0.3457, 0.2909 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, 160) }
```

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

```
.border{ border-color:rgb(188, 132, 160) }
```

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, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 132, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 132, 160);  
box-shadow:4px 4px 4px 4px rgb(188, 132,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 29.7320, 0.3457, 0.2909 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, 160) }
```

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

```
.background{ background-color: rgb(188,  
132, 160) }
```

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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