

Converting Colors

Yxy(29.9407, 0.3189, 0.2588)

Have a look what the booklet for
Yxy(29.9407, 0.3189, 0.2588)
contains.

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Color

Yxy(29.8233, 0.3192, 0.2588)

Conversions

Conversions Part 1

Format	Color
Hex	BA82B7
RGB	186, 130, 183
RGB Percent	73%, 51%, 72%
CMY	0.2705, 0.4902, 0.2823
CMYK	0.00, 0.30, 0.02, 0.27
HSL	303°, 29%, 62%
HSV	303°, 30%, 73%
XYZ	36.7836, 29.8233, 48.6300
YIQ	152.7860, 16.3630, 28.3550

Conversions

Conversions Part 2

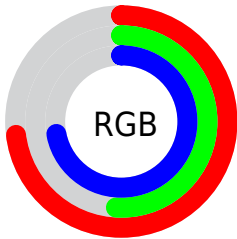
Format	Color
R _Y B	186, 130, 183
Decimal	12223159
CIE Lab	61.50, 30.31, -19.25
CIE LCh	62, 35.910, 327.575
Yxy	29.8233, 0.3192, 0.2588
Android (android.graphics.Color)	4290413239 (0xFFBA82B7)
YUV	152.7860, 14.8955, 29.1287
Hunter-Lab	54.6107, 24.6618, -14.5693

Details

The Yxy color **29.8233, 0.3192, 0.2588** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **41.5617, 0.3065, 0.4110**, and the grayscale version is **31.6873, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.5677, 0.3186, 0.2723**, and **12.2546, 0.3200, 0.2389** is the 20% darker color. If you saturate the color by 10%, you get **25.2745, 0.3216, 0.2361**, and if you desaturate by 10%, it is **35.2696, 0.3169, 0.2823**.

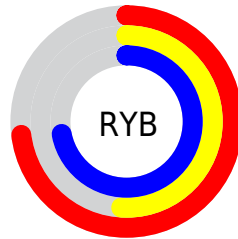
Distribution



Red (73%)

Green (51%)

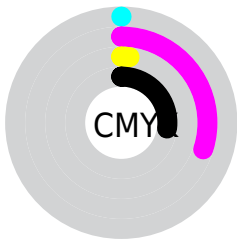
Blue (72%)



Red (73%)

Yellow (51%)

Blue (72%)

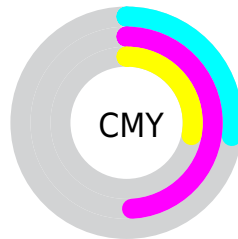


Cyan (0%)

Magenta (30%)

Yellow (2%)

Black (27%)



Cyan (27%)


Magenta (49%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.8233, 0.3192, 0.2588 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 29.8233, 0.3192, 0.2588 by changing the saturation by 10% instead.


 29.8233, 0.3192,
0.2588


 29.8233, 0.3192,
0.2588


301.0799, 0.3166,
0.2944


 19.7045, 0.3196,
0.2498


 59.3826, 0.3184,
0.2718

 12.1804, 0.3201,
0.2382


 79.5919, 0.3180,
0.2767

 6.8667, 0.3203,
0.2227


 103.9336, 0.3177,
0.2808

 3.3789, 0.3202,
0.2011

132.7919, 0.3175,
0.2843

 1.3326, 0.3185,
0.1692

166.5513, 0.3172,
0.2873

 0.1662, 0.3319,
0.0614

205.5962, 0.3170,

 0.0000, 0.0000,

0.2900

0.0000

250.3109, 0.3168,
0.2923

■ 29.8233, 0.3192,
0.2588

■ 29.8233, 0.3192,
0.2588

■ 25.2745, 0.3216,
0.2361

■ 35.2696, 0.3169,
0.2823

■ 21.5709, 0.3241,
0.2152

■ 41.6539, 0.3147,
0.3058

■ 18.6610, 0.3266,
0.1969


■ 49.0192, 0.3127,
0.3287

■ 16.4863, 0.3289,
0.1820

■ 57.4047, 0.3110,
0.3506

■ 14.9799, 0.3311,
0.1713

■ 66.8473, 0.3094,
0.3712

 14.0630, 0.3330,
0.1648

 77.3822, 0.3080,
0.3902

 13.5787, 0.3348,
0.1618

 85.6772, 0.3069,
0.4027

 85.7208, 0.3064,
0.4015

 85.7646, 0.3058,
0.4003

Harmonies

Analogous

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



29.8233, 0.2639, 0.2400



29.8233, 0.3192, 0.2588



29.8233, 0.3777, 0.2926

Triad

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



29.8233, 0.3192, 0.2588



29.8233, 0.4032, 0.4185



29.8233, 0.2165, 0.3075

Complementary

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



29.8233, 0.3192, 0.2588



41.5617, 0.3065, 0.4110

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.



29.8233, 0.2478, 0.3666



29.8233, 0.3192, 0.2588



29.8233, 0.3551, 0.4354

Square

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



29.8233, 0.3192, 0.2588



29.8233, 0.4279, 0.3806



29.8233, 0.2981, 0.4172



29.8233, 0.2090, 0.2627

Rectangle

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



29.8233, 0.3192, 0.2588



29.8233, 0.4084, 0.3207



29.8233, 0.2981, 0.4172



29.8233, 0.2243, 0.3265

Sweetspot

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



29.8246, 0.3192, 0.2588



76.6992, 0.3145, 0.3081



24.4797, 0.2629, 0.2430



16.4877, 0.3148, 0.3047



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.



29.8246, 0.3192, 0.2588



48.5269, 0.3208, 0.2440



28.7781, 0.3494, 0.2943



9.1542, 0.3146, 0.3077



9.1375, 0.3346, 0.1617



0.3247, 0.3307, 0.1596

Inverse Universe

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



29.8246, 0.3192, 0.2588



48.5269, 0.3208, 0.2440



42.4350, 0.2868, 0.3668



9.1542, 0.3146, 0.3077



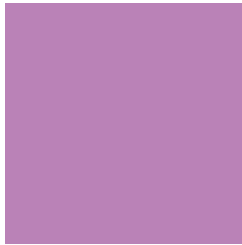
9.1375, 0.3346, 0.1617



0.3247, 0.3307, 0.1596

Previews

White Background



This preview shows how the Yxy color 29.8233, 0.3192, 0.2588 looks on a white background.

Color Contrast Check

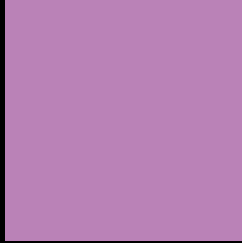
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.8233, 0.3192, 0.2588 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

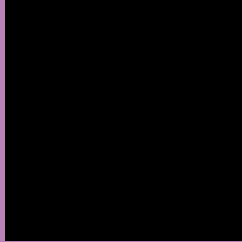
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.8233, 0.3192, 0.2588

Background



This preview shows how black text looks on a background with the Yxy color 29.8233, 0.3192, 0.2588.



This preview shows how white text looks on a background with the Yxy color 29.8233, 0.3192, 0.2588.

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

29.8233, 0.3192, 0.2588

Protanopia

30.0418, 0.2617, 0.2583

Deuteranopia

30.1490, 0.2839, 0.2785



Tritanopia

29.8217, 0.3513, 0.3149

Trichromacy



Original Color

29.8233, 0.3192, 0.2588

Protanomaly

29.6814, 0.2799, 0.2575

Deuteranomaly

29.7737, 0.2962, 0.2703

Tritanomaly

29.6555, 0.3398, 0.2930

Monochromacy



Original Color

29.8233, 0.3192, 0.2588

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

30.9305, 0.3150, 0.3013

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.8233, 0.3192, 0.2588 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(186, 130, 183)` looks like.

```
.text, #text, p{  
    color:rgb(186, 130, 183)  
}
```

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(186, 130, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 130, 183) }
```

Border

The CSS property to change the border of an element to Yxy 29.8233, 0.3192, 0.2588 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(186, 130, 183) }
```

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

```
.border{ border-color:rgb(186, 130, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 130, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 130, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 130, 183);  
box-shadow:4px 4px 4px 4px rgb(186, 130,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 29.8233, 0.3192, 0.2588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 130, 183) }
```

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

```
.background{ background-color: rgb(186,  
130, 183) }
```

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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