

Converting Colors

$Y_{xy}(29.6315, 0.3309, 0.2720)$

Have a look what the booklet for
Yxy(29.6315, 0.3309, 0.2720)
contains.

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Color

Yxy(29.5472, 0.3307, 0.2713)

Conversions

Conversions Part 1

Format	Color
Hex	BB82AD
RGB	187, 130, 173
RGB Percent	73%, 51%, 68%
CMY	0.2667, 0.4901, 0.3215
CMYK	0.00, 0.30, 0.07, 0.27
HSL	315°, 30%, 62%
HSV	315°, 30%, 73%
XYZ	36.0164, 29.5472, 43.3461
YIQ	151.9450, 20.1690, 25.4570

Conversions

Conversions Part 2

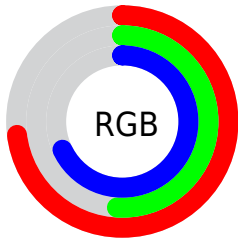
Format	Color
R _Y B	187, 130, 173
Decimal	12288685
CIE Lab	61.26, 28.79, -13.92
CIE LCh	61, 31.982, 334.203
Yxy	29.5472, 0.3307, 0.2713
Android (android.graphics.Color)	4290478765 (0xFFBB82AD)
YUV	151.9450, 10.3801, 30.7432
Hunter-Lab	54.3573, 23.1463, -9.2294

Details

The Yxy color $29.5472, 0.3307, 0.2713$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $42.2928, 0.2987, 0.3947$, and the grayscale version is $31.3231, 0.3127, 0.3290$.

A 20% lighter version of the original color is $59.1155, 0.3279, 0.2832$, and $12.1043, 0.3354, 0.2539$ is the 20% darker color. If you saturate the color by 10%, you get $24.8431, 0.3384, 0.2523$, and if you desaturate by 10%, it is $35.1639, 0.3239, 0.2907$.

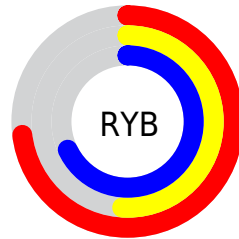
Distribution



Red (73%)

Green (51%)

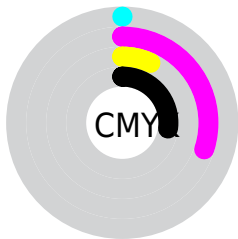
Blue (68%)



Red (73%)

Yellow (51%)

Blue (68%)

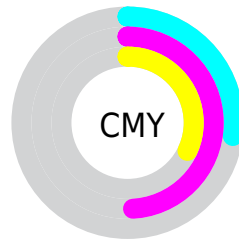


Cyan (0%)

Magenta (30%)

Yellow (7%)

Black (27%)



Cyan (27%)

Magenta (49%)

Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.5472, 0.3307, 0.2713 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 29.5472, 0.3307, 0.2713 by changing the saturation by 10% instead.


 29.5472, 0.3307,
0.2713


 29.5472, 0.3307,
0.2713


299.7881, 0.3217,
0.3009


 19.4952, 0.3330,
0.2637

 58.9454, 0.3274,
0.2822

 12.0286, 0.3358,
0.2538


 79.0603, 0.3262,
0.2863

 6.7632, 0.3397,
0.2403


 103.2982, 0.3251,
0.2897

 3.3144, 0.3449,
0.2213

132.0437, 0.3242,
0.2926

 1.2980, 0.3524,
0.1921

165.6810, 0.3235,
0.2951

 0.1397, 0.3961,
0.0662

204.5946, 0.3228,

 0.0000, 0.0000,

0.2973

0.0000

249.1688, 0.3222,
0.2992

■ 29.5472, 0.3307,
0.2713

■ 29.5472, 0.3307,
0.2713

■ 24.8431, 0.3384,
0.2523

■ 35.1639, 0.3239,
0.2907

■ 20.9985, 0.3469,
0.2346

■ 41.7347, 0.3180,
0.3098

■ 17.9612, 0.3562,
0.2190

■ 49.3030, 0.3129,
0.3282


■ 15.6713, 0.3659,
0.2066


■ 57.9088, 0.3086,
0.3456

■ 14.0609, 0.3758,
0.1983

■ 67.5896, 0.3050,
0.3619


 13.0493, 0.3856,
0.1946

 78.3810, 0.3019,
0.3769

 12.4896, 0.3946,
0.1948

 86.4954, 0.2994,
0.3848

 86.7203, 0.2969,
0.3795

 86.9517, 0.2945,
0.3742

Harmonies

Analogous

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



29.5472, 0.2791, 0.2508



29.5472, 0.3307, 0.2713



29.5472, 0.3809, 0.3046

Triad

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



29.5472, 0.3307, 0.2713



29.5472, 0.3862, 0.4150



29.5472, 0.2225, 0.3000

Complementary

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



29.5472, 0.3307, 0.2713



42.2928, 0.2987, 0.3947

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.



29.5472, 0.2466, 0.3509



29.5472, 0.3307, 0.2713



29.5472, 0.3402, 0.4228

Square

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



29.5472, 0.3307, 0.2713



29.5472, 0.4135, 0.3848



29.5472, 0.2891, 0.3989



29.5472, 0.2204, 0.2635

Rectangle

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



29.5472, 0.3307, 0.2713



29.5472, 0.4048, 0.3311



29.5472, 0.2891, 0.3989



29.5472, 0.2281, 0.3160

Sweetspot

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



29.5485, 0.3307, 0.2713



76.4519, 0.3173, 0.3122



25.4224, 0.2720, 0.2440



16.4247, 0.3181, 0.3095



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.



29.5485, 0.3307, 0.2713



46.7607, 0.3361, 0.2577



28.5815, 0.3621, 0.3080



9.6552, 0.3174, 0.3118



8.6192, 0.3936, 0.1942



0.3474, 0.3727, 0.1827

Inverse Universe

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



29.5485, 0.3307, 0.2713



46.7607, 0.3361, 0.2577



43.2502, 0.2794, 0.3513



9.6552, 0.3174, 0.3118



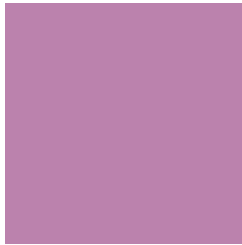
8.6192, 0.3936, 0.1942



0.3474, 0.3727, 0.1827

Previews

White Background



This preview shows how the Yxy color 29.5472, 0.3307, 0.2713 looks on a white background.

Color Contrast Check

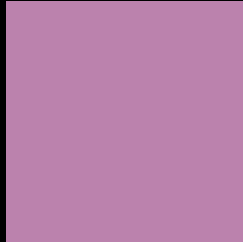
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.5472, 0.3307, 0.2713 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

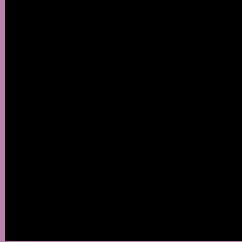
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.5472, 0.3307, 0.2713

Background



This preview shows how black text looks on a background with the Yxy color 29.5472, 0.3307, 0.2713.



This preview shows how white text looks on a background with the Yxy color 29.5472, 0.3307, 0.2713.

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

29.5472, 0.3307, 0.2713

Protanopia

29.8171, 0.2726, 0.2733

Deuteranopia

29.5242, 0.2963, 0.2899



Tritanopia

29.5626, 0.3575, 0.3151

Trichromacy



Original Color

29.5472, 0.3307, 0.2713

Protanomaly

29.4130, 0.2912, 0.2721

Deuteranomaly

29.4048, 0.3086, 0.2827

Tritanomaly

29.4559, 0.3478, 0.2986

Monochromacy



Original Color

29.5472, 0.3307, 0.2713

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

30.4839, 0.3190, 0.3055

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.5472, 0.3307, 0.2713 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(187, 130, 173)` looks like.

```
.text, #text, p{  
    color:rgb(187, 130, 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(187, 130, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 130, 173) }
```

Border

The CSS property to change the border of an element to Yxy 29.5472, 0.3307, 0.2713 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(187, 130, 173) }
```

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

```
.border{ border-color:rgb(187, 130, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 130, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 130, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 130, 173);  
box-shadow:4px 4px 4px 4px rgb(187, 130,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 29.5472, 0.3307, 0.2713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 130, 173) }
```

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

```
.background{ background-color: rgb(187,  
130, 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](#).

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