

Converting Colors

$Y_{xy}(32.8192, 0.3365, 0.2829)$

Have a look what the booklet for
Yxy(32.8192, 0.3365, 0.2829)
contains.

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Color

Yxy(32.7023, 0.3361, 0.2820)

Conversions

Conversions Part 1

Format	Color
Hex	C28AAE
RGB	194, 138, 174
RGB Percent	76%, 54%, 68%
CMY	0.2392, 0.4588, 0.3178
CMYK	0.00, 0.29, 0.10, 0.24
HSL	321°, 31%, 65%
HSV	321°, 29%, 76%
XYZ	38.9760, 32.7023, 44.2873
YIQ	158.8480, 21.8200, 23.0680

Conversions

Conversions Part 2

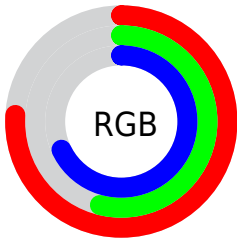
Format	Color
RYB	194, 138, 174
Decimal	12749486
CIELab	63.92, 26.99, -10.39
CIElCh	64, 28.922, 338.940
Yxy	32.7023, 0.3361, 0.2820
Android (android.graphics.Color)	4290939566 (0xFFC28AAE)
YUV	158.8480, 7.4699, 30.8283
Hunter-Lab	57.1859, 21.5843, -5.8866

Details

The Yxy color **32.7023, 0.3361, 0.2820** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **46.4618, 0.2950, 0.3813**, and the grayscale version is **34.5563, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.8656, 0.3319, 0.2913**, and **13.7970, 0.3432, 0.2670** is the 20% darker color. If you saturate the color by 10%, you get **27.3612, 0.3470, 0.2654**, and if you desaturate by 10%, it is **39.0547, 0.3267, 0.2988**.

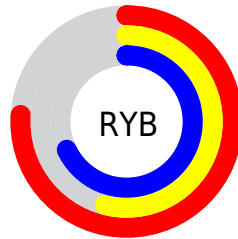
Distribution



Red (76%)

Green (54%)

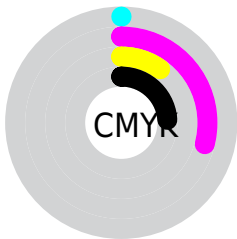
Blue (68%)



Red (76%)

Yellow (54%)

Blue (68%)

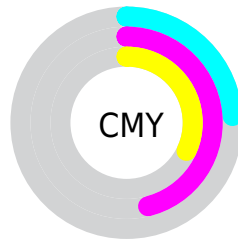


Cyan (0%)

Magenta (29%)

Yellow (10%)

Black (24%)



Cyan (24%)


Magenta (46%)

Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.7023, 0.3361, 0.2820 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 32.7023, 0.3361, 0.2820 by changing the saturation by 10% instead.

 32.7023, 0.3361,
0.2820


 32.7023, 0.3361,
0.2820


314.3061, 0.3242,
0.3060

 21.8985, 0.3392,
0.2759


 63.9105, 0.3317,
0.2908

 13.7823, 0.3431,
0.2679


 85.0836, 0.3301,
0.2941

 7.9694, 0.3485,
0.2572


 110.4820, 0.3287,
0.2969

 4.0754, 0.3562,
0.2420

140.4900, 0.3275,
0.2992

 1.7158, 0.3679,
0.2189

175.4920, 0.3265,
0.3012

 0.4339, 0.3981,
0.1580

215.8724, 0.3256,

 0.0000, 1.0000,

0.3030

0.0000

262.0157, 0.3248,
0.3046

0.0000, 0.0000,
0.0000

32.7023, 0.3361,
0.2820

32.7023, 0.3361,
0.2820

27.3612, 0.3470,
0.2654

39.0547, 0.3267,
0.2988

22.9739, 0.3594,
0.2496

46.4631, 0.3187,
0.3151

19.4837, 0.3733,
0.2356

54.9751, 0.3120,
0.3307

16.8262, 0.3884,
0.2246

64.6339, 0.3064,
0.3454

14.9283, 0.4041,
0.2176

75.4803, 0.3017,
0.3590

■ 13.7040, 0.4201,
0.2155

■ 87.5534, 0.2978,
0.3716

■ 13.0088, 0.4357,
0.2180

■ 88.2948, 0.2941,
0.3643

■ 12.9410, 0.4375,
0.2184

■ 88.6760, 0.2904,
0.3565

■ 89.0727, 0.2868,
0.3489

Harmonies

Analogous

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



32.7023, 0.2901, 0.2616



32.7023, 0.3361, 0.2820



32.7023, 0.3781, 0.3132

Triad

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



32.7023, 0.3361, 0.2820



32.7023, 0.3720, 0.4072



32.7023, 0.2313, 0.2980

Complementary

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



32.7023, 0.3361, 0.2820



46.4618, 0.2950, 0.3813

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.



32.7023, 0.2500, 0.3411



32.7023, 0.3361, 0.2820



32.7023, 0.3303, 0.4089

Square

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



32.7023, 0.3361, 0.2820



32.7023, 0.3989, 0.3838



32.7023, 0.2857, 0.3839



32.7023, 0.2325, 0.2682

Rectangle

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



32.7023, 0.3361, 0.2820



32.7023, 0.3965, 0.3372



32.7023, 0.2857, 0.3839



32.7023, 0.2354, 0.3114

Sweetspot

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



32.7038, 0.3361, 0.2820



83.7739, 0.3189, 0.3147



29.3030, 0.2805, 0.2502



17.8842, 0.3200, 0.3123



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



32.7038, 0.3361, 0.2820



52.5753, 0.3432, 0.2708



31.7369, 0.3661, 0.3178



10.1844, 0.3191, 0.3143



8.5234, 0.4355, 0.2173



0.3810, 0.4037, 0.1997

Inverse Universe

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



32.7038, 0.3361, 0.2820



52.5753, 0.3432, 0.2708



47.5202, 0.2767, 0.3407



10.1844, 0.3191, 0.3143



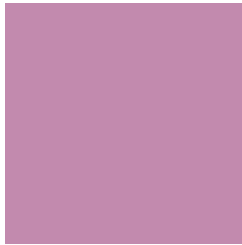
8.5234, 0.4355, 0.2173



0.3810, 0.4037, 0.1997

Previews

White Background



This preview shows how the Yxy color 32.7023, 0.3361, 0.2820 looks on a white background.

Color Contrast Check

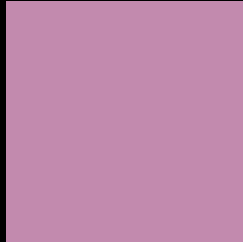
Large Text (above 18pt) WCAG AA × Fail

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 32.7023, 0.3361, 0.2820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

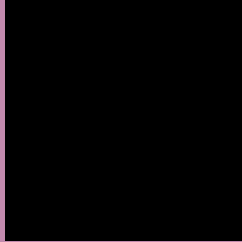
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.7023, 0.3361, 0.2820

Background



This preview shows how black text looks on a background with the Yxy color 32.7023, 0.3361, 0.2820.



This preview shows how white text looks on a background with the Yxy color 32.7023, 0.3361, 0.2820.

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

32.7023, 0.3361, 0.2820

Protanopia

32.9615, 0.2821, 0.2852

Deuteranopia

32.8983, 0.3053, 0.2987



Tritanopia

32.7223, 0.3544, 0.3142

Trichromacy



Original Color

32.7023, 0.3361, 0.2820

Protanomaly

32.4744, 0.3001, 0.2837

Deuteranomaly

32.5736, 0.3155, 0.2913

Tritanomaly

32.8294, 0.3471, 0.3023

Monochromacy



Original Color

32.7023, 0.3361, 0.2820

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

33.5842, 0.3216, 0.3106

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.7023, 0.3361, 0.2820 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(194, 138, 174)` looks like.

```
.text, #text, p{  
    color:rgb(194, 138, 174)  
}
```

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(194, 138, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 138, 174) }
```

Border

The CSS property to change the border of an element to Yxy 32.7023, 0.3361, 0.2820 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(194, 138, 174) }
```

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

```
.border{ border-color:rgb(194, 138, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 138, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 138, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 138, 174);  
box-shadow:4px 4px 4px 4px rgb(194, 138,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 32.7023, 0.3361, 0.2820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 138, 174) }
```

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

```
.background{ background-color: rgb(194,  
138, 174) }
```

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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