

Converting Colors

$Y_{xy}(32.7977, 0.3171, 0.2564)$

Have a look what the booklet for
Yxy(32.7977, 0.3171, 0.2564)
contains.

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Color

Yxy(32.9279, 0.3171, 0.2567)

Conversions

Conversions Part 1

Format	Color
Hex	C288C1
RGB	194, 136, 193
RGB Percent	76%, 53%, 76%
CMY	0.2393, 0.4666, 0.2431
CMYK	0.00, 0.30, 0.01, 0.24
HSL	301°, 32%, 65%
HSV	301°, 30%, 76%
XYZ	40.6756, 32.9279, 54.6703
YIQ	159.8400, 16.2710, 30.0230

Conversions

Conversions Part 2

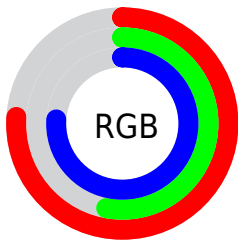
Format	Color
RYB	194, 136, 193
Decimal	12748993
CIELab	64.10, 31.52, -20.85
CIELCh	64, 37.797, 326.513
Yxy	32.9279, 0.3171, 0.2567
Android (android.graphics.Color)	4290939073 (0xFFC288C1)
YUV	159.8400, 16.3479, 29.9583
Hunter-Lab	57.3828, 26.1092, -16.3193

Details

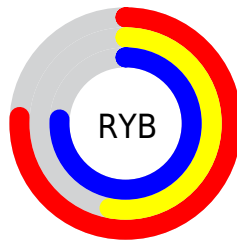
The Yxy color **32.9279, 0.3171, 0.2567** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **45.6173, 0.3080, 0.4138**, and the grayscale version is **34.9949, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.2383, 0.3163, 0.2693**, and **13.8500, 0.3170, 0.2366** is the 20% darker color. If you saturate the color by 10%, you get **27.9359, 0.3186, 0.2333**, and if you desaturate by 10%, it is **38.9117, 0.3156, 0.2810**.

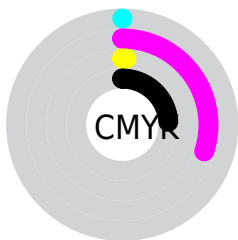
Distribution



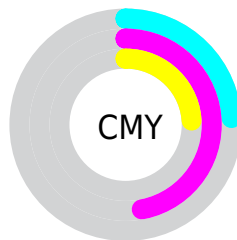
- Red (76%)
- Green (53%)
- Blue (76%)



- Red (76%)
- Yellow (53%)
- Blue (76%)



- Cyan (0%)
- Magenta (30%)
- Yellow (1%)
- Black (24%)




- Cyan (24%)
- Magenta (47%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.9279, 0.3171, 0.2567 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 32.9279, 0.3171, 0.2567 by changing the saturation by 10% instead.


 32.9279, 0.3171,
0.2567


 32.9279, 0.3171,
0.2567


315.3247, 0.3157,
0.2927


 22.0712, 0.3172,
0.2478


 64.2629, 0.3168,
0.2697

 13.9092, 0.3172,
0.2365


 85.5101, 0.3166,
0.2746

 8.0576, 0.3169,
0.2216


 110.9895, 0.3164,
0.2788

 4.1318, 0.3160,
0.2011

141.0856, 0.3162,
0.2824

 1.7476, 0.3134,
0.1717

176.1828, 0.3161,
0.2855

 0.4542, 0.3108,
0.1125

216.6655, 0.3159,


 0.0000, 0.1663,


0.2882


0.0000


262.9180, 0.3158,
0.2906


 0.0000, 0.0000,
0.0000


 32.9279, 0.3171,
0.2567


 32.9279, 0.3171,
0.2567

 27.9359, 0.3186,
0.2333


 38.9117, 0.3156,
0.2810


 23.8780, 0.3201,
0.2118


 45.9322, 0.3141,
0.3054

 20.6972, 0.3215,
0.1930

 54.0370, 0.3127,
0.3293

 18.3285, 0.3227,
0.1778

 63.2695, 0.3114,
0.3520

 16.6980, 0.3237,
0.1667

 73.6704, 0.3102,
0.3734

■ 15.7185, 0.3245,
0.1599

■ 85.2788, 0.3091,
0.3933

■ 15.2219, 0.3251,
0.1565

■ 86.9405, 0.3088,
0.3955

■ 15.2170, 0.3252,
0.1565

■ 86.9552, 0.3086,
0.3951

■ 86.9700, 0.3085,
0.3947

Harmonies

Analogous

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



32.9279, 0.2613, 0.2382



32.9279, 0.3171, 0.2567



32.9279, 0.3770, 0.2906

Triad

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



32.9279, 0.3171, 0.2567



32.9279, 0.4061, 0.4188



32.9279, 0.2156, 0.3090

Complementary

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



32.9279, 0.3171, 0.2567



45.6173, 0.3080, 0.4138

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.



32.9279, 0.2481, 0.3694



32.9279, 0.3171, 0.2567



32.9279, 0.3577, 0.4373

Square

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



32.9279, 0.3171, 0.2567



32.9279, 0.4303, 0.3797



32.9279, 0.2997, 0.4203



32.9279, 0.2072, 0.2627

Rectangle

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



32.9279, 0.3171, 0.2567



32.9279, 0.4088, 0.3189



32.9279, 0.2997, 0.4203



32.9279, 0.2238, 0.3284

Sweetspot

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



32.9293, 0.3171, 0.2567



84.2554, 0.3140, 0.3072



26.8221, 0.2615, 0.2430



18.0063, 0.3142, 0.3036



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.



32.9293, 0.3171, 0.2567



53.4286, 0.3181, 0.2409



31.7600, 0.3470, 0.2919



10.2445, 0.3140, 0.3067



10.0078, 0.3251, 0.1565



0.4334, 0.3241, 0.1559

Inverse Universe

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



32.9293, 0.3171, 0.2567



53.4286, 0.3181, 0.2409



46.5635, 0.2882, 0.3695



10.2445, 0.3140, 0.3067



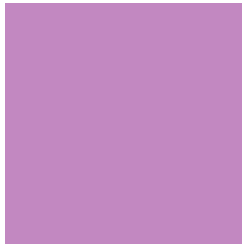
10.0078, 0.3251, 0.1565



0.4334, 0.3241, 0.1559

Previews

White Background



This preview shows how the Yxy color 32.9279, 0.3171, 0.2567 looks on a white background.

Color Contrast Check

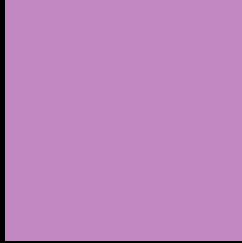
Large Text (above 18pt) WCAG AA × Fail

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 32.9279, 0.3171, 0.2567 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

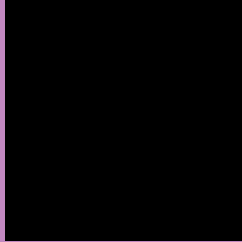
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.9279, 0.3171, 0.2567

Background



This preview shows how black text looks on a background with the Yxy color 32.9279, 0.3171, 0.2567.



This preview shows how white text looks on a background with the Yxy color 32.9279, 0.3171, 0.2567.

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

32.9279, 0.3171, 0.2567

Protanopia

33.2302, 0.2592, 0.2557

Deuteranopia

33.0442, 0.2816, 0.2749



Tritanopia

32.8303, 0.3499, 0.3128

Trichromacy



Original Color

32.9279, 0.3171, 0.2567

Protanomaly

32.5581, 0.2778, 0.2549

Deuteranomaly

32.7544, 0.2942, 0.2674

Tritanomaly

32.6971, 0.3378, 0.2905

Monochromacy



Original Color

32.9279, 0.3171, 0.2567

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

33.8824, 0.3141, 0.2996

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.9279, 0.3171, 0.2567 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, 136, 193)` looks like.

```
.text, #text, p{  
    color:rgb(194, 136, 193)  
}
```

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, 136, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 136, 193) }
```

Border

The CSS property to change the border of an element to Yxy 32.9279, 0.3171, 0.2567 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, 136, 193) }
```

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

```
.border{ border-color:rgb(194, 136, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 136, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 136, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 136, 193);  
box-shadow:4px 4px 4px 4px rgb(194, 136,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 32.9279, 0.3171, 0.2567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 136, 193) }
```

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

```
.background{ background-color: rgb(194,  
136, 193) }
```

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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