

Converting Colors

$Y_{xy}(35.2879, 0.2875, 0.2414)$

Have a look what the booklet for
Yxy(35.2879, 0.2875, 0.2414)
contains.

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Color

Yxy(35.2244, 0.2871, 0.2412)

Conversions

Conversions Part 1

Format	Color
Hex	B791D7
RGB	183, 145, 215
RGB Percent	72%, 57%, 84%
CMY	0.2822, 0.4314, 0.1568
CMYK	0.15, 0.33, 0.00, 0.16
HSL	273°, 47%, 71%
HSV	273°, 33%, 84%
XYZ	41.9276, 35.2244, 68.8862
YIQ	164.3420, 0.1780, 29.8260

Conversions

Conversions Part 2

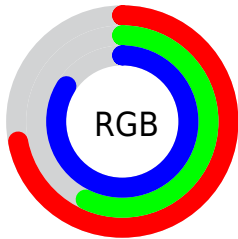
Format	Color
R_{YB}	183, 145, 215
Decimal	12030423
CIE _{Lab}	65.92, 27.50, -30.45
CIE _{LCh}	66, 41.029, 312.091
Yxy	35.2244, 0.2871, 0.2412
Android (android.graphics.Color)	4290220503 (0xFFB791D7)
YUV	164.3420, 24.9744, 16.3631
Hunter-Lab	59.3501, 22.2375, -27.2713

Details

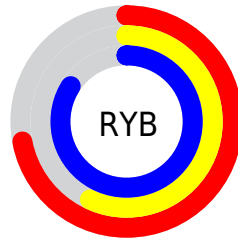
The Yxy color **35.2244, 0.2871, 0.2412** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **59.9926, 0.3315, 0.4184**, and the grayscale version is **37.1766, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.5921, 0.3043, 0.2723**, and **15.2106, 0.2780, 0.2180** is the 20% darker color. If you saturate the color by 10%, you get **28.1034, 0.2768, 0.2120**, and if you desaturate by 10%, it is **43.6757, 0.2963, 0.2699**.

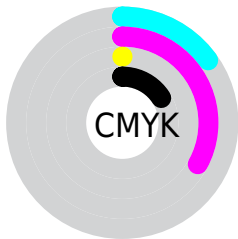
Distribution



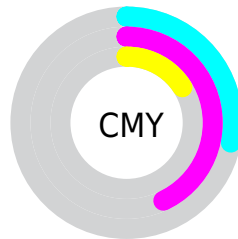
- Red (72%)
- Green (57%)
- Blue (84%)



- Red (72%)
- Yellow (57%)
- Blue (84%)



- Cyan (15%)
- Magenta (33%)
- Yellow (0%)
- Black (16%)




- Cyan (28%)
- Magenta (43%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.2244, 0.2871, 0.2412 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 35.2244, 0.2871, 0.2412 by changing the saturation by 10% instead.


 35.2244, 0.2871,
0.2412

 35.2244, 0.2871,
0.2412


325.5577, 0.3012,
0.2841

 23.8358, 0.2832,
0.2309


 67.8333, 0.2925,
0.2565

 15.2119, 0.2781,
0.2180


 89.8223, 0.2944,
0.2623

 8.9682, 0.2710,
0.2014


116.1136, 0.2960,
0.2673

 4.7204, 0.2606,
0.1792

147.0915, 0.2974,
0.2716

 2.0842, 0.2443,
0.1488

183.1405, 0.2986,
0.2753

 0.6557, 0.2170,
0.1031

224.6449, 0.2996,

 0.0000, 0.1183,


0.2786


0.0000

271.9892, 0.3004,
0.2815

 0.0000, 0.0000,
0.0000


 35.2244, 0.2871,
0.2412


 35.2244, 0.2871,
0.2412


 28.1034, 0.2768,
0.2120


 43.6757, 0.2963,
0.2699


 22.2362, 0.2654,
0.1833


 53.5193, 0.3043,
0.2973


 17.5452, 0.2534,
0.1564


 64.8186, 0.3111,
0.3228


 13.9420, 0.2411,
0.1329


 77.6318, 0.3169,
0.3462


 11.3251, 0.2291,
0.1140


 92.0137, 0.3217,
0.3675

 9.5725, 0.2179,
0.1003

 95.2935, 0.3278,
0.3691

 8.6782, 0.2101,
0.0931

 97.0769, 0.3342,
0.3683

 97.6869, 0.3363,
0.3681

Harmonies

Analogous

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



35.2244, 0.2361, 0.2311



35.2244, 0.2871, 0.2412



35.2244, 0.3510, 0.2696

Triad

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



35.2244, 0.2871, 0.2412



35.2244, 0.4278, 0.4051



35.2244, 0.2235, 0.3376

Complementary

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



35.2244, 0.2871, 0.2412



59.9926, 0.3315, 0.4184

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.



35.2244, 0.2685, 0.4014



35.2244, 0.2871, 0.2412



35.2244, 0.3868, 0.4381

Square

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



35.2244, 0.2871, 0.2412



35.2244, 0.4371, 0.3588



35.2244, 0.3282, 0.4404



35.2244, 0.2025, 0.2792

Rectangle

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



35.2244, 0.2871, 0.2412



35.2244, 0.3914, 0.2962



35.2244, 0.3282, 0.4404



35.2244, 0.2361, 0.3597

Sweetspot

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



35.2259, 0.2871, 0.2412



82.6541, 0.3061, 0.3037



42.6329, 0.2603, 0.2789



17.2079, 0.3051, 0.3000



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.



35.2259, 0.2871, 0.2412



44.4885, 0.2802, 0.2213



39.4832, 0.3186, 0.2510



12.3378, 0.3066, 0.3055



5.2538, 0.2116, 0.0939



0.3658, 0.2296, 0.1039

Inverse Universe

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



37.8681, 0.3534, 0.2904



49.1011, 0.3654, 0.2821



56.7418, 0.3068, 0.4218



12.5142, 0.3220, 0.3184



9.1912, 0.5130, 0.2600



0.5710, 0.4713, 0.2370

Previews

White Background



This preview shows how the Yxy color 35.2244, 0.2871, 0.2412 looks on a white background.

Color Contrast Check

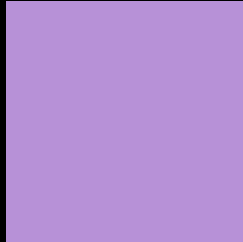
Large Text (above 18pt) WCAG AA × Fail

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 35.2244, 0.2871, 0.2412 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

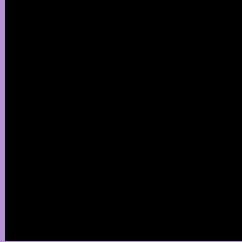
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.2244, 0.2871, 0.2412

Background



This preview shows how black text looks on a background with the Yxy color 35.2244, 0.2871, 0.2412.



This preview shows how white text looks on a background with the Yxy color 35.2244, 0.2871, 0.2412.

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

35.2244, 0.2871, 0.2412

Protanopia

35.4654, 0.2471, 0.2392

Deuteranopia

35.4102, 0.2605, 0.2552



Tritanopia

35.3467, 0.3214, 0.3123

Trichromacy



Original Color

35.2244, 0.2871, 0.2412

Protanomaly

35.0708, 0.2606, 0.2396

Deuteranomaly

35.0601, 0.2694, 0.2492

Tritanomaly

35.0589, 0.3090, 0.2845

Monochromacy



Original Color

35.2244, 0.2871, 0.2412

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.1908, 0.3031, 0.2933

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.2244, 0.2871, 0.2412 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(183, 145, 215)` looks like.

```
.text, #text, p{  
    color:rgb(183, 145, 215)  
}
```

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(183, 145, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 145, 215) }
```

Border

The CSS property to change the border of an element to Yxy 35.2244, 0.2871, 0.2412 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(183, 145, 215) }
```

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

```
.border{ border-color:rgb(183, 145, 215) }
```

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

Here you see how a box with a 4 pixel rgb(183, 145, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 145, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 145, 215);  
box-shadow:4px 4px 4px 4px rgb(183, 145,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 35.2244, 0.2871, 0.2412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 145, 215) }
```

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

```
.background{ background-color: rgb(183,  
145, 215) }
```

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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