

Converting Colors

$Y_{xy}(28.2506, 0.2951, 0.2208)$

Have a look what the booklet for
Yxy(28.2506, 0.2951, 0.2208)
contains.

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Color

Yxy(28.3213, 0.2950, 0.2214)

Conversions

Conversions Part 1

Format	Color
Hex	B879CE
RGB	184, 121, 206
RGB Percent	72%, 47%, 81%
CMY	0.2786, 0.5254, 0.1922
CMYK	0.11, 0.41, 0.00, 0.19
HSL	284°, 46%, 64%
HSV	284°, 41%, 81%
XYZ	37.7361, 28.3213, 61.8617
YIQ	149.5270, 10.2630, 39.7910

Conversions

Conversions Part 2

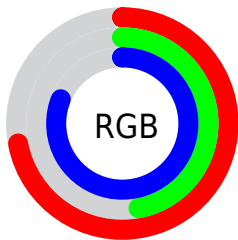
Format	Color
RYB	184, 121, 206
Decimal	12089806
CIELab	60.18, 39.13, -34.31
CIElCh	60, 52.043, 318.762
Yxy	28.3213, 0.2950, 0.2214
Android (android.graphics.Color)	4290279886 (0xFFB879CE)
YUV	149.5270, 27.8412, 30.2328
Hunter-Lab	53.2178, 33.4414, -31.6678

Details

The Yxy color **28.3213, 0.2950, 0.2214** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **51.3625, 0.3225, 0.4494**, and the grayscale version is **30.1664, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.5807, 0.3054, 0.2481**, and **11.2818, 0.2868, 0.1923** is the 20% darker color. If you saturate the color by 10%, you get **23.1908, 0.2890, 0.1957**, and if you desaturate by 10%, it is **34.5480, 0.3004, 0.2482**.

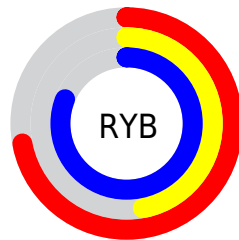
Distribution



Red (72%)

Green (47%)

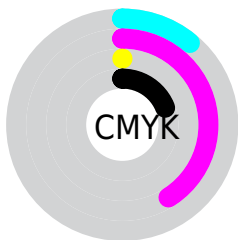
Blue (81%)



Red (72%)

Yellow (47%)

Blue (81%)

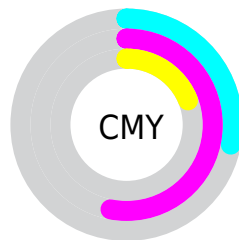


Cyan (11%)

Magenta (41%)

Yellow (0%)

Black (19%)



Cyan (28%)


Magenta (53%)


Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.3213, 0.2950, 0.2214 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 28.3213, 0.2950, 0.2214 by changing the saturation by 10% instead.


 28.3213, 0.2950,
0.2214


 28.3213, 0.2950,
0.2214


293.9990, 0.3060,
0.2745


 18.5680, 0.2916,
0.2086


 56.9970, 0.2995,
0.2404

 11.3585, 0.2868,
0.1925


 76.6882, 0.3010,
0.2476

 6.3085, 0.2799,
0.1719


 100.4608, 0.3023,
0.2538

 3.0336, 0.2691,
0.1446

128.6993, 0.3033,
0.2591

 1.1493, 0.2508,
0.1080

161.7879, 0.3041,
0.2637

 0.0197, 0.2295,
0.0046

200.1111, 0.3049,

 0.0000, 0.0000,

0.2677

0.0000

244.0534, 0.3055,
0.2713

■ 28.3213, 0.2950,
0.2214

■ 28.3213, 0.2950,
0.2214

■ 23.1908, 0.2890,
0.1957

■ 34.5480, 0.3004,
0.2482

■ 19.0840, 0.2824,
0.1722

■ 41.9302, 0.3051,
0.2750

■ 15.9252, 0.2755,
0.1521

■ 50.5271, 0.3090,
0.3011

■ 13.6265, 0.2685,
0.1361

■ 60.3928, 0.3123,
0.3260

■ 12.0830, 0.2615,
0.1249

■ 71.5780, 0.3151,
0.3493

■ 11.1869, 0.2556,
0.1182

■ 84.1308, 0.3172,
0.3707

■ 91.4021, 0.3198,
0.3805

■ 92.2556, 0.3232,
0.3800

■ 93.1360, 0.3267,
0.3794

Harmonies

Analogous

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



28.3213, 0.2236, 0.2026



28.3213, 0.2950, 0.2214



28.3213, 0.3831, 0.2613

Triad

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



28.3213, 0.2950, 0.2214



28.3213, 0.4547, 0.4367



28.3213, 0.1856, 0.3181

Complementary

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



28.3213, 0.2950, 0.2214



51.3625, 0.3225, 0.4494

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.



28.3213, 0.2358, 0.4118



28.3213, 0.2950, 0.2214



28.3213, 0.3910, 0.4812

Square

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



28.3213, 0.2950, 0.2214



28.3213, 0.4819, 0.3763



28.3213, 0.3110, 0.4788



28.3213, 0.1680, 0.2461

Rectangle

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



28.3213, 0.2950, 0.2214



28.3213, 0.4359, 0.2964



28.3213, 0.3110, 0.4788



28.3213, 0.1988, 0.3486

Sweetspot

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



28.3225, 0.2950, 0.2214



80.5327, 0.3087, 0.2988



28.3736, 0.2420, 0.2371



16.8234, 0.3082, 0.2954



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.



28.3225, 0.2950, 0.2214



38.8234, 0.2900, 0.1998



30.3538, 0.3381, 0.2493



11.2517, 0.3097, 0.3059



6.9383, 0.2566, 0.1187



0.3931, 0.2697, 0.1259

Inverse Universe

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



28.7865, 0.3895, 0.3010



39.8632, 0.4139, 0.2957



50.1222, 0.2949, 0.4253



11.2606, 0.3250, 0.3230



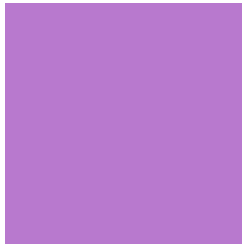
8.2542, 0.5881, 0.3014



0.4386, 0.5309, 0.2698

Previews

White Background



This preview shows how the Yxy color 28.3213, 0.2950, 0.2214 looks on a white background.

Color Contrast Check

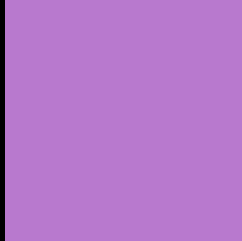
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.3213, 0.2950, 0.2214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

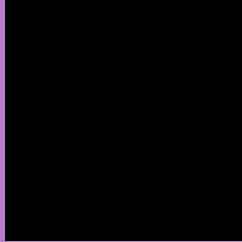
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.3213, 0.2950, 0.2214

Background



This preview shows how black text looks on a background with the Yxy color 28.3213, 0.2950, 0.2214.

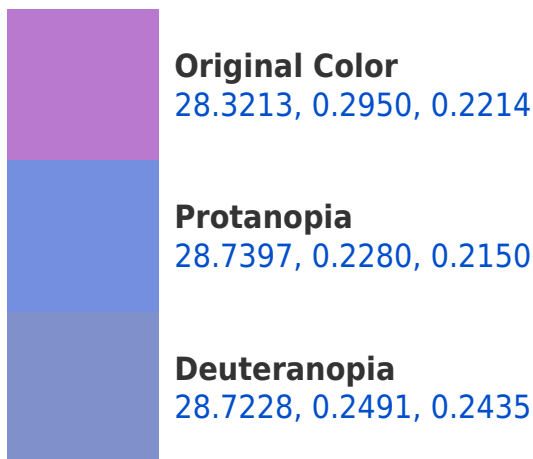


This preview shows how white text looks on a background with the Yxy color 28.3213, 0.2950, 0.2214.

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





Tritanopia

28.2085, 0.3475, 0.3131

Trichromacy



Original Color

28.3213, 0.2950, 0.2214



Protanomaly

28.0004, 0.2484, 0.2162



Deuteranomaly

28.2160, 0.2643, 0.2346



Tritanomaly

27.9555, 0.3274, 0.2758

Monochromacy



Original Color

28.3213, 0.2950, 0.2214



Achromatopsia

30.4987, 0.3127, 0.3290



Achromatomaly

29.0489, 0.3065, 0.2836

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.3213, 0.2950, 0.2214 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(184, 121, 206)` looks like.

```
.text, #text, p{  
    color:rgb(184, 121, 206)  
}
```

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(184, 121, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 121, 206) }
```

Border

The CSS property to change the border of an element to Yxy 28.3213, 0.2950, 0.2214 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(184, 121, 206) }
```

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

```
.border{ border-color:rgb(184, 121, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 121, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(184, 121, 206); -webkit-box-shadow:4px 4px 4px 4px rgb(184, 121, 206); box-shadow:4px 4px 4px 4px rgb(184, 121, 206) }
```


Background

The CSS property to change the background color of an element to Yxy 28.3213, 0.2950, 0.2214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 121, 206) }
```

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

```
.background{ background-color: rgb(184,  
121, 206) }
```

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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