

Converting Colors

$Y_{xy}(29.0340, 0.3073, 0.2535)$

Have a look what the booklet for
Yxy(29.0340, 0.3073, 0.2535)
contains.

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Color

Yxy(28.9754, 0.3078, 0.2533)

Conversions

Conversions Part 1

Format	Color
Hex	B282BA
RGB	178, 130, 186
RGB Percent	70%, 51%, 73%
CMY	0.3019, 0.4902, 0.2705
CMYK	0.04, 0.30, 0.00, 0.27
HSL	291°, 29%, 62%
HSV	291°, 30%, 73%
XYZ	35.2097, 28.9754, 50.2065
YIQ	150.7360, 10.6320, 27.5920

Conversions

Conversions Part 2

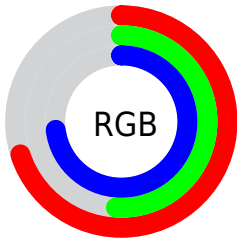
Format	Color
R_{YB}	178, 130, 186
Decimal	11698874
CIE _{Lab}	60.76, 28.24, -22.17
CIE _{LCh}	61, 35.897, 321.864
Yxy	28.9754, 0.3078, 0.2533
Android (android.graphics.Color)	4289888954 (0xFFB282BA)
YUV	150.7360, 17.3852, 23.9105
Hunter-Lab	53.8288, 22.5575, -17.6200

Details

The Yxy color **28.9754, 0.3078, 0.2533** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **42.1453, 0.3151, 0.4141**, and the grayscale version is **30.7509, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.7702, 0.3093, 0.2671**, and **11.7159, 0.3036, 0.2308** is the 20% darker color. If you saturate the color by 10%, you get **24.1556, 0.3054, 0.2280**, and if you desaturate by 10%, it is **34.6985, 0.3098, 0.2790**.

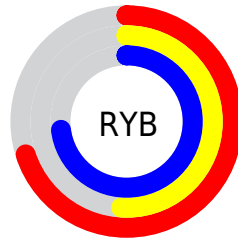
Distribution



Red (70%)

Green (51%)

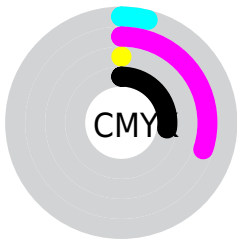
Blue (73%)



Red (70%)

Yellow (51%)

Blue (73%)

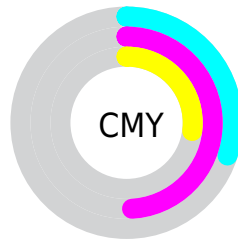


Cyan (4%)

Magenta (30%)

Yellow (0%)

Black (27%)



Cyan (30%)

Magenta (49%)

Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.9754, 0.3078, 0.2533 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 28.9754, 0.3078, 0.2533 by changing the saturation by 10% instead.


 28.9754, 0.3078,
0.2533


 28.9754, 0.3078,
0.2533


297.0989, 0.3113,
0.2918

 19.0622, 0.3066,
0.2436


 58.0380, 0.3093,
0.2674

 11.7152, 0.3048,
0.2311


 77.9562, 0.3098,
0.2726

 6.5501, 0.3019,
0.2144


 101.9782, 0.3102,
0.2771

 3.1824, 0.2971,
0.1911

130.4884, 0.3105,
0.2809

 1.2277, 0.2880,
0.1571

163.8711, 0.3108,
0.2841

 0.0841, 0.2886,
0.0316

202.5109, 0.3110,

 0.0000, 0.0000,

0.2870

0.0000

246.7920, 0.3111,
0.2895

■ 28.9754, 0.3078,
0.2533

■ 28.9754, 0.3078,
0.2533

■ 24.1556, 0.3054,
0.2280

■ 34.6985, 0.3098,
0.2790

■ 20.1870, 0.3026,
0.2041

■ 41.3656, 0.3114,
0.3043

■ 17.0181, 0.2994,
0.1826

■ 49.0199, 0.3127,
0.3287

■ 14.5900, 0.2960,
0.1644

■ 57.7003, 0.3137,
0.3517

■ 12.8361, 0.2924,
0.1502

■ 67.4441, 0.3144,
0.3731

■ 11.6774, 0.2887,
0.1405

■ 78.2862, 0.3148,
0.3928

■ 10.9598, 0.2850,
0.1344

■ 86.8882, 0.3155,
0.4058

■ 87.2498, 0.3172,
0.4054

■ 87.6178, 0.3188,
0.4050

Harmonies

Analogous

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



28.9754, 0.2545, 0.2378



28.9754, 0.3078, 0.2533



28.9754, 0.3678, 0.2849

Triad

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



28.9754, 0.3078, 0.2533



28.9754, 0.4109, 0.4130



28.9754, 0.2198, 0.3180

Complementary

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



28.9754, 0.3078, 0.2533



42.1453, 0.3151, 0.4141

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.



28.9754, 0.2556, 0.3782



28.9754, 0.3078, 0.2533



28.9754, 0.3658, 0.4355

Square

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



28.9754, 0.3078, 0.2533



28.9754, 0.4301, 0.3725



28.9754, 0.3088, 0.4245



28.9754, 0.2077, 0.2690

Rectangle

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



28.9754, 0.3078, 0.2533



28.9754, 0.4016, 0.3122



28.9754, 0.3088, 0.4245



28.9754, 0.2293, 0.3378

Sweetspot

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



28.9767, 0.3078, 0.2533



76.2210, 0.3116, 0.3068



26.5837, 0.2618, 0.2557



16.3657, 0.3114, 0.3031



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.



28.9767, 0.3078, 0.2533



46.6675, 0.3063, 0.2368



29.1750, 0.3368, 0.2795



9.0959, 0.3115, 0.3063



7.3959, 0.2855, 0.1346



0.2787, 0.2952, 0.1400

Inverse Universe

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



28.2418, 0.3695, 0.3179



45.1867, 0.3871, 0.3154



42.0643, 0.2947, 0.3844



9.0326, 0.3266, 0.3258



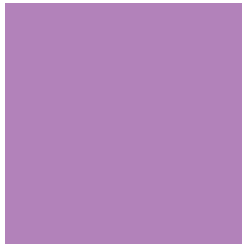
7.0820, 0.6185, 0.3181



0.2564, 0.5600, 0.2859

Previews

White Background



This preview shows how the Yxy color 28.9754, 0.3078, 0.2533 looks on a white background.

Color Contrast Check

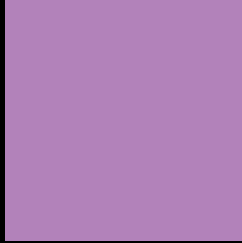
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.9754, 0.3078, 0.2533 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

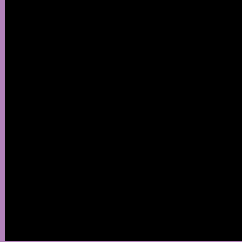
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.9754, 0.3078, 0.2533

Background



This preview shows how black text looks on a background with the Yxy color 28.9754, 0.3078, 0.2533.



This preview shows how white text looks on a background with the Yxy color 28.9754, 0.3078, 0.2533.

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

28.9754, 0.3078, 0.2533

Protanopia

29.1875, 0.2566, 0.2521

Deuteranopia

29.1162, 0.2757, 0.2705



Tritanopia

28.9137, 0.3413, 0.3130

Trichromacy



Original Color

28.9754, 0.3078, 0.2533

Protanomaly

28.9960, 0.2735, 0.2526

Deuteranomaly

28.8945, 0.2866, 0.2637

Tritanomaly

28.7728, 0.3289, 0.2891

Monochromacy



Original Color

28.9754, 0.3078, 0.2533

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

29.9023, 0.3111, 0.2979

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.9754, 0.3078, 0.2533 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(178, 130, 186)` looks like.

```
.text, #text, p{  
    color:rgb(178, 130, 186)  
}
```

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(178, 130, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 130, 186) }
```

Border

The CSS property to change the border of an element to Yxy 28.9754, 0.3078, 0.2533 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(178, 130, 186) }
```

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

```
.border{ border-color:rgb(178, 130, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 130, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 130, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 130, 186);  
box-shadow:4px 4px 4px 4px rgb(178, 130,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 28.9754, 0.3078, 0.2533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 130, 186) }
```

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

```
.background{ background-color: rgb(178,  
130, 186) }
```

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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