

Converting Colors

$Y_{xy}(28.4253, 0.2929, 0.2457)$

Have a look what the booklet for
Yxy(28.4253, 0.2929, 0.2457)
contains.

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Color

Yxy(28.4734, 0.2929, 0.2454)

Conversions

Conversions Part 1

Format	Color
Hex	A983C0
RGB	169, 131, 192
RGB Percent	66%, 51%, 75%
CMY	0.3374, 0.4862, 0.2471
CMYK	0.12, 0.32, 0.00, 0.25
HSL	277°, 33%, 63%
HSV	277°, 32%, 75%
XYZ	33.9848, 28.4734, 53.5704
YIQ	149.3160, 3.0670, 27.0270

Conversions

Conversions Part 2

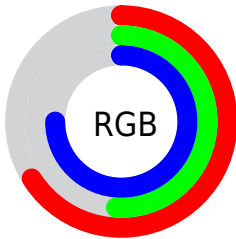
Format	Color
R_{YB}	169, 131, 192
Decimal	11109312
CIE _{Lab}	60.31, 25.94, -26.31
CIE _{LCh}	60, 36.952, 314.595
Yxy	28.4734, 0.2929, 0.2454
Android (android.graphics.Color)	4289299392 (0xFFA983C0)
YUV	149.3160, 21.0432, 17.2629
Hunter-Lab	53.3605, 20.3041, -22.1709

Details

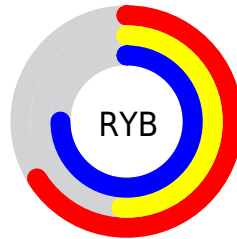
The Yxy color **28.4734, 0.2929, 0.2454** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **46.2127, 0.3269, 0.4164**, and the grayscale version is **30.1030, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.1281, 0.2973, 0.2601**, and **11.4328, 0.2853, 0.2214** is the 20% darker color. If you saturate the color by 10%, you get **23.0051, 0.2846, 0.2173**, and if you desaturate by 10%, it is **34.9443, 0.3002, 0.2731**.

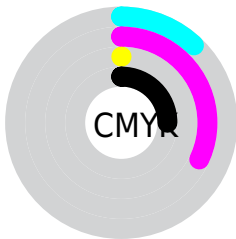
Distribution



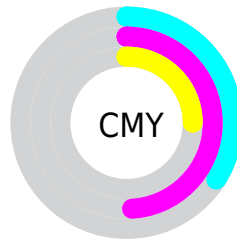
- Red (66%)
- Green (51%)
- Blue (75%)



- Red (66%)
- Yellow (51%)
- Blue (75%)



- Cyan (12%)
- Magenta (32%)
- Yellow (0%)
- Black (25%)



- Cyan (34%)
- Magenta (49%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.4734, 0.2929, 0.2454 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 28.4734, 0.2929, 0.2454 by changing the saturation by 10% instead.

 28.4734, 0.2929,
0.2454


 28.4734, 0.2929,
0.2454


294.7221, 0.3044,
0.2878

 18.6828, 0.2895,
0.2347


 57.2394, 0.2974,
0.2609

 11.4413, 0.2849,
0.2210


 76.9835, 0.2990,
0.2667

 6.3645, 0.2781,
0.2028


 100.8144, 0.3003,
0.2716

 3.0680, 0.2677,
0.1778

129.1162, 0.3014,
0.2758

 1.1673, 0.2498,
0.1417

162.2736, 0.3023,
0.2794

 0.0348, 0.2300,
0.0120

200.6707, 0.3031,

 0.0000, 0.0000,

0.2826

0.0000

244.6921, 0.3038,
0.2854

■ 28.4734, 0.2929,
0.2454

■ 28.4734, 0.2929,
0.2454

■ 23.0051, 0.2846,
0.2173

■ 34.9443, 0.3002,
0.2731

■ 18.4822, 0.2755,
0.1899

■ 42.4636, 0.3065,
0.2998

■ 14.8472, 0.2657,
0.1644


■ 51.0788, 0.3119,
0.3248


■ 12.0345, 0.2555,
0.1420


■ 60.8332, 0.3163,
0.3479


■ 9.9694, 0.2453,
0.1239


■ 71.7677, 0.3201,
0.3691

 8.5627, 0.2355,
0.1107

 83.9213, 0.3231,
0.3883

 7.7586, 0.2279,
0.1029

 90.5010, 0.3268,
0.3959

 91.6561, 0.3315,
0.3949

 92.8609, 0.3363,
0.3939

Harmonies

Analogous

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



28.4734, 0.2419, 0.2340



28.4734, 0.2929, 0.2454



28.4734, 0.3550, 0.2743

Triad

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



28.4734, 0.2929, 0.2454



28.4734, 0.4219, 0.4064



28.4734, 0.2236, 0.3323

Complementary

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



28.4734, 0.2929, 0.2454



46.2127, 0.3269, 0.4164

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.



28.4734, 0.2657, 0.3942



28.4734, 0.2929, 0.2454



28.4734, 0.3804, 0.4362

Square

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



28.4734, 0.2929, 0.2454



28.4734, 0.4337, 0.3622



28.4734, 0.3229, 0.4347



28.4734, 0.2051, 0.2771

Rectangle

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



28.4734, 0.2929, 0.2454



28.4734, 0.3932, 0.3009



28.4734, 0.3229, 0.4347



28.4734, 0.2352, 0.3534

Sweetspot

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



28.4746, 0.2929, 0.2454



79.3028, 0.3074, 0.3039



31.8750, 0.2612, 0.2729



16.5638, 0.3066, 0.3002



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



28.4746, 0.2929, 0.2454



44.6161, 0.2873, 0.2261



30.9427, 0.3235, 0.2593



10.0513, 0.3079, 0.3059



5.2668, 0.2290, 0.1035



0.2660, 0.2497, 0.1149

Inverse Universe

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



29.7802, 0.3572, 0.2980



47.4814, 0.3708, 0.2911



44.3632, 0.3035, 0.4104



10.1395, 0.3231, 0.3203



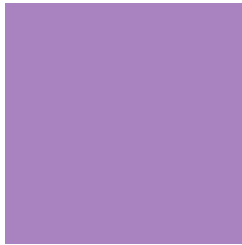
7.8746, 0.5441, 0.2771



0.3537, 0.4834, 0.2436

Previews

White Background



This preview shows how the Yxy color 28.4734, 0.2929, 0.2454 looks on a white background.

Color Contrast Check

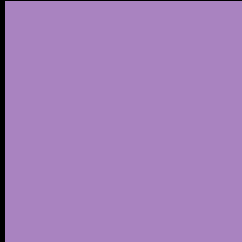
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.4734, 0.2929, 0.2454 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

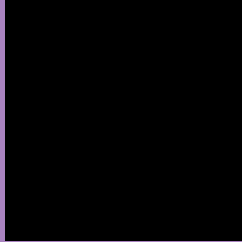
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.4734, 0.2929, 0.2454

Background



This preview shows how black text looks on a background with the Yxy color 28.4734, 0.2929, 0.2454.



This preview shows how white text looks on a background with the Yxy color 28.4734, 0.2929, 0.2454.

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

28.4734, 0.2929, 0.2454

Protanopia

28.8000, 0.2498, 0.2436

Deuteranopia

28.5969, 0.2647, 0.2587



Tritanopia

28.3486, 0.3266, 0.3124

Trichromacy



Original Color

28.4734, 0.2929, 0.2454

Protanomaly

28.3821, 0.2642, 0.2438

Deuteranomaly

28.5227, 0.2741, 0.2534

Tritanomaly

28.3243, 0.3147, 0.2865

Monochromacy



Original Color

28.4734, 0.2929, 0.2454

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

29.1305, 0.3050, 0.2944

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.4734, 0.2929, 0.2454 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(169, 131, 192)` looks like.

```
.text, #text, p{  
    color:rgb(169, 131, 192)  
}
```

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(169, 131, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 131, 192) }
```

Border

The CSS property to change the border of an element to Yxy 28.4734, 0.2929, 0.2454 is called "border". The border property can be set on classes, ids or directly on the HTML element.

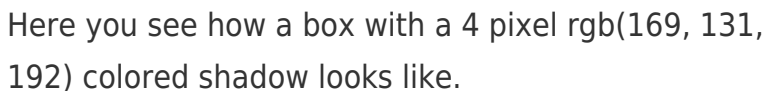
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(169, 131, 192) }
```

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

```
.border{ border-color:rgb(169, 131, 192) }
```

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



Here you see how a box with a 4 pixel `rgb(169, 131, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(169, 131, 192); -webkit-box-shadow:4px 4px 4px 4px rgb(169, 131, 192); box-shadow:4px 4px 4px 4px rgb(169, 131, 192) }
```


Background

The CSS property to change the background color of an element to Yxy 28.4734, 0.2929, 0.2454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 131, 192) }
```

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

```
.background{ background-color: rgb(169,  
131, 192) }
```

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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