

Converting Colors

$Yxy(34.4935, 0.3172, 0.2754)$

Have a look what the booklet for
Yxy(34.4935, 0.3172, 0.2754)
contains.

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Color

Yxy(34.4873, 0.3172, 0.2754)

Conversions

Conversions Part 1

Format	Color
Hex	BC91BA
RGB	188, 145, 186
RGB Percent	74%, 57%, 73%
CMY	0.2629, 0.4313, 0.2706
CMYK	0.00, 0.23, 0.01, 0.26
HSL	303°, 24%, 65%
HSV	303°, 23%, 74%
XYZ	39.7218, 34.4873, 51.0172
YIQ	162.5310, 12.4670, 21.8670

Conversions

Conversions Part 2

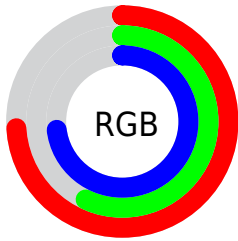
Format	Color
RYB	188, 145, 186
Decimal	12358074
CIELab	65.35, 23.19, -15.09
CIELCh	65, 27.663, 326.953
Yxy	34.4873, 0.3172, 0.2754
Android (android.graphics.Color)	4290548154 (0xFFBC91BA)
YUV	162.5310, 11.5702, 22.3363
Hunter-Lab	58.7259, 17.9658, -10.3991

Details

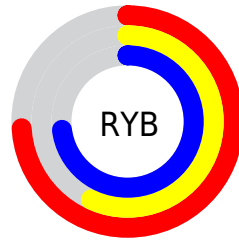
The Yxy color **34.4873, 0.3172, 0.2754** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **44.0815, 0.3083, 0.3892**, and the grayscale version is **36.3336, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.6701, 0.3170, 0.2852**, and **14.7672, 0.3174, 0.2594** is the 20% darker color. If you saturate the color by 10%, you get **29.1743, 0.3194, 0.2519**, and if you desaturate by 10%, it is **40.7540, 0.3151, 0.2992**.

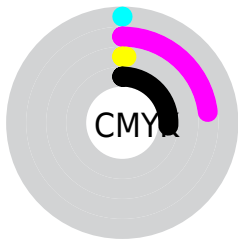
Distribution



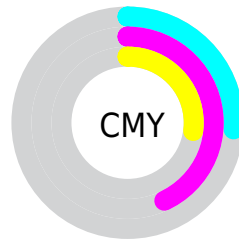
- Red (74%)
- Green (57%)
- Blue (73%)



- Red (74%)
- Yellow (57%)
- Blue (73%)



- Cyan (0%)
- Magenta (23%)
- Yellow (1%)
- Black (26%)





- Cyan (26%)
- Magenta (43%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.4873, 0.3172, 0.2754 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 34.4873, 0.3172, 0.2754 by changing the saturation by 10% instead.


 34.4873, 0.3172,
0.2754


 34.4873, 0.3172,
0.2754


322.2995, 0.3153,
0.3024

 23.2682, 0.3175,
0.2686


 66.6907, 0.3166,
0.2852

 14.7917, 0.3179,
0.2599


 88.4439, 0.3164,
0.2889

 8.6733, 0.3182,
0.2483


114.4772, 0.3161,
0.2920

 4.5287, 0.3184,
0.2321

145.1750, 0.3159,
0.2947

 1.9735, 0.3180,
0.2080

180.9217, 0.3158,
0.2970

 0.5920, 0.3180,
0.1619

222.1018, 0.3156,

 0.0000, 0.1341,

0.2990

0.0000

269.0996, 0.3155,
0.3008

0.0000, 0.0000,
0.0000

34.4873, 0.3172,
0.2754

34.4873, 0.3172,
0.2754

29.1743, 0.3194,
0.2519

40.7540, 0.3151,
0.2992

24.7637, 0.3216,
0.2294

48.0134, 0.3132,
0.3225

21.2064, 0.3239,
0.2090

56.3077, 0.3115,
0.3449

18.4468, 0.3261,
0.1915

65.6756, 0.3099,
0.3660

16.4226, 0.3282,
0.1777

76.1534, 0.3086,
0.3857

■ 15.0624, 0.3301,
0.1681

■ 85.9770, 0.3074,
0.4010

■ 14.2806, 0.3317,
0.1627

■ 86.0151, 0.3070,
0.4000

■ 13.9564, 0.3328,
0.1607

■ 86.0534, 0.3065,
0.3990

■ 86.0920, 0.3060,
0.3980

Harmonies

Analogous

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



34.4873, 0.2760, 0.2614



34.4873, 0.3172, 0.2754



34.4873, 0.3598, 0.3015

Triad

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



34.4873, 0.3172, 0.2754



34.4873, 0.3810, 0.3958



34.4873, 0.2408, 0.3153

Complementary

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



34.4873, 0.3172, 0.2754



44.0815, 0.3083, 0.3892

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.



34.4873, 0.2656, 0.3574



34.4873, 0.3172, 0.2754



34.4873, 0.3461, 0.4062

Square

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



34.4873, 0.3172, 0.2754



34.4873, 0.3977, 0.3688



34.4873, 0.3038, 0.3925



34.4873, 0.2342, 0.2812

Rectangle

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



34.4873, 0.3172, 0.2754



34.4873, 0.3821, 0.3232



34.4873, 0.3038, 0.3925



34.4873, 0.2472, 0.3291

Sweetspot

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



34.4888, 0.3172, 0.2754



81.2111, 0.3140, 0.3126



30.0377, 0.2758, 0.2661



17.2937, 0.3141, 0.3112



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.



34.4888, 0.3172, 0.2754



57.8950, 0.3182, 0.2645



33.6625, 0.3379, 0.3020



9.6885, 0.3145, 0.3074



9.5086, 0.3326, 0.1606



0.3748, 0.3296, 0.1589

Inverse Universe

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



34.4888, 0.3172, 0.2754



57.8950, 0.3182, 0.2645



44.7997, 0.2932, 0.3577



9.6885, 0.3145, 0.3074



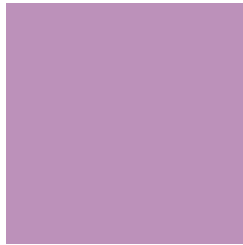
9.5086, 0.3326, 0.1606



0.3748, 0.3296, 0.1589

Previews

White Background



This preview shows how the Yxy color 34.4873, 0.3172, 0.2754 looks on a white background.

Color Contrast Check

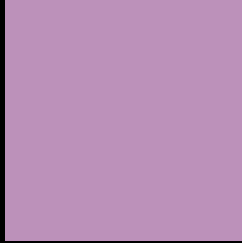
Large Text (above 18pt) WCAG AA × Fail

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 34.4873, 0.3172, 0.2754 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

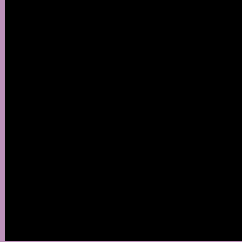
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.4873, 0.3172, 0.2754

Background



This preview shows how black text looks on a background with the Yxy color 34.4873, 0.3172, 0.2754.



This preview shows how white text looks on a background with the Yxy color 34.4873, 0.3172, 0.2754.

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

34.4873, 0.3172, 0.2754

Protanopia

34.5883, 0.2764, 0.2766

Deuteranopia

34.5848, 0.2939, 0.2882



Tritanopia

34.7002, 0.3380, 0.3140

Trichromacy



Original Color

34.4873, 0.3172, 0.2754

Protanomaly

34.4366, 0.2898, 0.2764

Deuteranomaly

34.2939, 0.3014, 0.2823

Tritanomaly

34.5212, 0.3304, 0.2994

Monochromacy



Original Color

34.4873, 0.3172, 0.2754

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

35.4879, 0.3147, 0.3080

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.4873, 0.3172, 0.2754 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(188, 145, 186)` looks like.

```
.text, #text, p{  
    color:rgb(188, 145, 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(188, 145, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 145, 186) }
```

Border

The CSS property to change the border of an element to Yxy 34.4873, 0.3172, 0.2754 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(188, 145, 186) }
```

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

```
.border{ border-color:rgb(188, 145, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 145, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 145, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 145, 186);  
box-shadow:4px 4px 4px 4px rgb(188, 145,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 34.4873, 0.3172, 0.2754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 145, 186) }
```

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

```
.background{ background-color: rgb(188,  
145, 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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