

Converting Colors

$Yxy(34.8485, 0.2942, 0.2548)$

Have a look what the booklet for
Yxy(34.8485, 0.2942, 0.2548)
contains.

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Color

Yxy(34.7412, 0.2944, 0.2542)

Conversions

Conversions Part 1

Format	Color
Hex	B592CC
RGB	181, 146, 204
RGB Percent	71%, 57%, 80%
CMY	0.2901, 0.4275, 0.2001
CMYK	0.11, 0.28, 0.00, 0.20
HSL	276°, 36%, 69%
HSV	276°, 28%, 80%
XYZ	40.2353, 34.7412, 61.6923
YIQ	163.0770, 2.2420, 25.4580

Conversions

Conversions Part 2

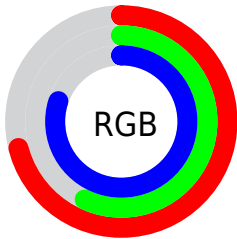
Format	Color
R_{YB}	181, 146, 204
Decimal	11899596
CIE _{Lab}	65.55, 23.93, -24.90
CIE _{LCh}	66, 34.536, 313.868
Yxy	34.7412, 0.2944, 0.2542
Android (android.graphics.Color)	4290089676 (0xFFB592CC)
YUV	163.0770, 20.1750, 15.7185
Hunter-Lab	58.9417, 18.7013, -20.7977

Details

The Yxy color **34.7412, 0.2944, 0.2542** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **53.6754, 0.3265, 0.4064**, and the grayscale version is **36.5677, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.5331, 0.3021, 0.2730**, and **14.8985, 0.2867, 0.2327** is the 20% darker color. If you saturate the color by 10%, you get **28.0573, 0.2860, 0.2258**, and if you desaturate by 10%, it is **42.6064, 0.3018, 0.2819**.

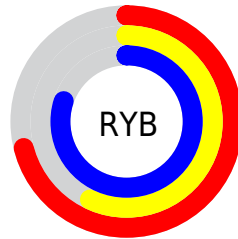
Distribution



Red (71%)

Green (57%)

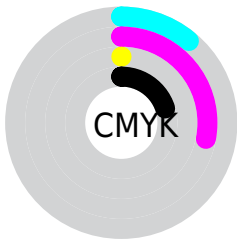
Blue (80%)



Red (71%)

Yellow (57%)

Blue (80%)

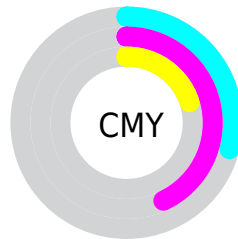


Cyan (11%)

Magenta (28%)

Yellow (0%)

Black (20%)



Cyan (29%)


Magenta (43%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.7412, 0.2944, 0.2542 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 34.7412, 0.2944, 0.2542 by changing the saturation by 10% instead.


 34.7412, 0.2944,
0.2542


 34.7412, 0.2944,
0.2542


323.4245, 0.3046,
0.2913

 23.4636, 0.2915,
0.2451


 67.0847, 0.2983,
0.2676

 14.9362, 0.2877,
0.2336


 88.9193, 0.2997,
0.2726

 8.7746, 0.2823,
0.2185


115.0417, 0.3009,
0.2769

 4.5945, 0.2742,
0.1980

145.8363, 0.3019,
0.2806

 2.0113, 0.2612,
0.1690

181.6875, 0.3027,
0.2838

 0.6141, 0.2387,
0.1209

222.9797, 0.3034,

 0.0000, 0.0863,

0.2866

0.0000

270.0972, 0.3040,
0.2891

0.0000, 0.0000,
0.0000

34.7412, 0.2944,
0.2542

34.7412, 0.2944,
0.2542

28.0573, 0.2860,
0.2258

42.6064, 0.3018,
0.2819

22.4898, 0.2766,
0.1977

51.7047, 0.3081,
0.3082

17.9738, 0.2664,
0.1711


62.0900, 0.3135,
0.3327

14.4362, 0.2558,
0.1471


73.8118, 0.3180,
0.3553

11.7938, 0.2451,
0.1272


86.9167, 0.3217,
0.3758

 9.9490, 0.2347,
0.1122


 92.6124, 0.3262,
0.3818

 8.7518, 0.2250,
0.1019

 93.9750, 0.3315,
0.3810

 8.5870, 0.2235,
0.1005

 95.4003, 0.3368,
0.3801

 96.8889, 0.3421,
0.3792

Harmonies

Analogous

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



34.7412, 0.2493, 0.2446



34.7412, 0.2944, 0.2542



34.7412, 0.3487, 0.2799

Triad

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



34.7412, 0.2944, 0.2542



34.7412, 0.4095, 0.3974



34.7412, 0.2348, 0.3337

Complementary

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



34.7412, 0.2944, 0.2542



53.6754, 0.3265, 0.4064

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.



34.7412, 0.2729, 0.3866



34.7412, 0.2944, 0.2542



34.7412, 0.3740, 0.4227

Square

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



34.7412, 0.2944, 0.2542



34.7412, 0.4184, 0.3585



34.7412, 0.3238, 0.4209



34.7412, 0.2174, 0.2851

Rectangle

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



34.7412, 0.2944, 0.2542



34.7412, 0.3820, 0.3036



34.7412, 0.3238, 0.4209



34.7412, 0.2455, 0.3519

Sweetspot

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



34.7427, 0.2944, 0.2542



84.5392, 0.3077, 0.3064



38.9149, 0.2668, 0.2809



17.5958, 0.3068, 0.3026



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.



34.7427, 0.2944, 0.2542



50.6590, 0.2894, 0.2371



37.4759, 0.3214, 0.2653



11.1736, 0.3076, 0.3057



5.4618, 0.2248, 0.1012



0.3250, 0.2435, 0.1115

Inverse Universe

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



36.2531, 0.3502, 0.3000



53.6696, 0.3611, 0.2935



51.5426, 0.3051, 0.4022



11.2860, 0.3229, 0.3199



8.4687, 0.5376, 0.2735



0.4517, 0.4856, 0.2449

Previews

White Background



This preview shows how the Yxy color 34.7412, 0.2944, 0.2542 looks on a white background.

Color Contrast Check

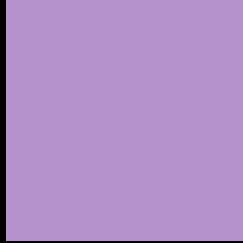
Large Text (above 18pt) WCAG AA × Fail

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 34.7412, 0.2944, 0.2542 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 34.7412, 0.2944, 0.2542

Background



This preview shows how black text looks on a background with the Yxy color 34.7412, 0.2944, 0.2542.



This preview shows how white text looks on a background with the Yxy color 34.7412, 0.2944, 0.2542.

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

34.7412, 0.2944, 0.2542

Protanopia

34.7967, 0.2580, 0.2533

Deuteranopia

34.8135, 0.2720, 0.2653



Tritanopia

34.6130, 0.3235, 0.3122

Trichromacy



Original Color

34.7412, 0.2944, 0.2542

Protanomaly

34.5540, 0.2698, 0.2533

Deuteranomaly

34.5548, 0.2793, 0.2600

Tritanomaly

34.4145, 0.3126, 0.2894

Monochromacy



Original Color

34.7412, 0.2944, 0.2542

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

35.8743, 0.3065, 0.2998

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.7412, 0.2944, 0.2542 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(181, 146, 204)` looks like.

```
.text, #text, p{  
    color:rgb(181, 146, 204)  
}
```

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(181, 146, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 146, 204) }
```

Border

The CSS property to change the border of an element to Yxy 34.7412, 0.2944, 0.2542 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(181, 146, 204) }
```

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

```
.border{ border-color:rgb(181, 146, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 146, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 146, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 146, 204);  
box-shadow:4px 4px 4px 4px rgb(181, 146,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 34.7412, 0.2944, 0.2542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 146, 204) }
```

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

```
.background{ background-color: rgb(181,  
146, 204) }
```

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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