

Converting Colors

$Y_{xy}(34.4214, 0.2992, 0.2644)$

Have a look what the booklet for
Yxy(34.4214, 0.2992, 0.2644)
contains.

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Color

Yxy(34.4367, 0.2994, 0.2644)

Conversions

Conversions Part 1

Format	Color
Hex	B393C4
RGB	179, 147, 196
RGB Percent	70%, 58%, 77%
CMY	0.2979, 0.4236, 0.2314
CMYK	0.09, 0.25, 0.00, 0.23
HSL	279°, 29%, 67%
HSV	279°, 25%, 77%
XYZ	38.9953, 34.4367, 56.8127
YIQ	162.1540, 3.3430, 22.0230

Conversions

Conversions Part 2

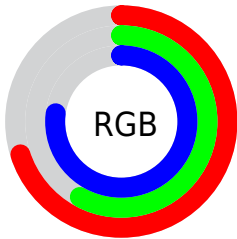
Format	Color
R _Y B	179, 147, 196
Decimal	11768772
CIE Lab	65.31, 21.07, -20.83
CIE LCh	65, 29.623, 315.328
Yxy	34.4367, 0.2994, 0.2644
Android (android.graphics.Color)	4289958852 (0xFFB393C4)
YUV	162.1540, 16.6861, 14.7739
Hunter-Lab	58.6828, 15.9200, -16.3226

Details

The Yxy color $34.4367, 0.2994, 0.2644$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $49.4694, 0.3229, 0.3964$, and the grayscale version is $36.1288, 0.3127, 0.3290$.

A 20% lighter version of the original color is $66.5273, 0.3020, 0.2757$, and $14.7544, 0.2948, 0.2462$ is the 20% darker color. If you saturate the color by 10%, you get $28.0656, 0.2925, 0.2367$, and if you desaturate by 10%, it is $41.8888, 0.3054, 0.2913$.

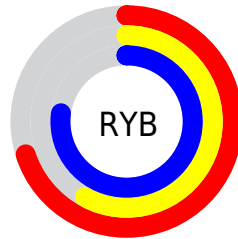
Distribution



Red (70%)

Green (58%)

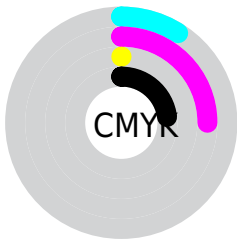
Blue (77%)



Red (70%)

Yellow (58%)

Blue (77%)

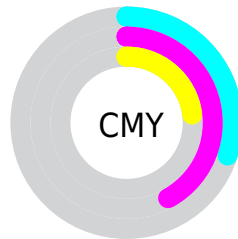


Cyan (9%)

Magenta (25%)

Yellow (0%)

Black (23%)



Cyan (30%)


Magenta (42%)

Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.4367, 0.2994, 0.2644 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 34.4367, 0.2994, 0.2644 by changing the saturation by 10% instead.


 34.4367, 0.2994,
0.2644


 34.4367, 0.2994,
0.2644


322.0749, 0.3069,
0.2967

 23.2293, 0.2973,
0.2564


 66.6122, 0.3023,
0.2761

 14.7629, 0.2944,
0.2461


 88.3491, 0.3033,
0.2806

 8.6532, 0.2903,
0.2325


114.3646, 0.3042,
0.2843

 4.5156, 0.2841,
0.2137

145.0430, 0.3049,
0.2875

 1.9660, 0.2737,
0.1863

180.7689, 0.3055,
0.2903

 0.5876, 0.2558,
0.1373

221.9266, 0.3060,

 0.0000, 0.0225,

0.2927

0.0000

268.9005, 0.3065,
0.2948

0.0000, 0.0000,
0.0000

34.4367, 0.2994,
0.2644

34.4367, 0.2994,
0.2644

28.0656, 0.2925,
0.2367

41.8888, 0.3054,
0.2913

22.7180, 0.2847,
0.2092

50.4671, 0.3105,
0.3169

18.3375, 0.2761,
0.1827

60.2192, 0.3147,
0.3407

14.8604, 0.2670,
0.1587

71.1889, 0.3183,
0.3626

12.2152, 0.2576,
0.1382

83.4176, 0.3211,
0.3825

■ 10.3191, 0.2483,
0.1223

■ 90.6764, 0.3245,
0.3915

■ 9.0714, 0.2394,
0.1113

■ 91.7537, 0.3289,
0.3907

■ 8.5913, 0.2351,
0.1069

■ 92.8744, 0.3333,
0.3898

■ 94.0390, 0.3378,
0.3889

Harmonies

Analogous

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



34.4367, 0.2594, 0.2554



34.4367, 0.2994, 0.2644



34.4367, 0.3461, 0.2877

Triad

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



34.4367, 0.2994, 0.2644



34.4367, 0.3955, 0.3905



34.4367, 0.2440, 0.3313

Complementary

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



34.4367, 0.2994, 0.2644



49.4694, 0.3229, 0.3964

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.



34.4367, 0.2767, 0.3761



34.4367, 0.2994, 0.2644



34.4367, 0.3643, 0.4102

Square

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



34.4367, 0.2994, 0.2644



34.4367, 0.4039, 0.3574



34.4367, 0.3206, 0.4063



34.4367, 0.2294, 0.2900

Rectangle

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



34.4367, 0.2994, 0.2644



34.4367, 0.3742, 0.3089



34.4367, 0.3206, 0.4063



34.4367, 0.2531, 0.3467

Sweetspot

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



34.4382, 0.2994, 0.2644



86.3543, 0.3090, 0.3091



36.7883, 0.2724, 0.2840



17.9676, 0.3082, 0.3052



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.



34.4382, 0.2994, 0.2644



55.8434, 0.2957, 0.2493



36.2573, 0.3225, 0.2761



10.0676, 0.3084, 0.3059



5.5699, 0.2363, 0.1075



0.2777, 0.2556, 0.1182

Inverse Universe

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



35.2766, 0.3470, 0.3068



57.7057, 0.3570, 0.3017



48.0239, 0.3043, 0.3884



10.1341, 0.3236, 0.3211



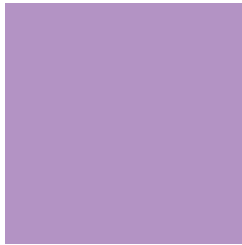
7.8219, 0.5567, 0.2840



0.3511, 0.4936, 0.2493

Previews

White Background



This preview shows how the Yxy color 34.4367, 0.2994, 0.2644 looks on a white background.

Color Contrast Check

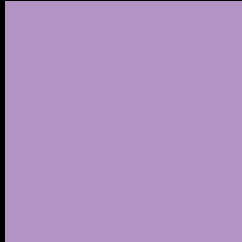
Large Text (above 18pt) WCAG AA × Fail

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 34.4367, 0.2994, 0.2644 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

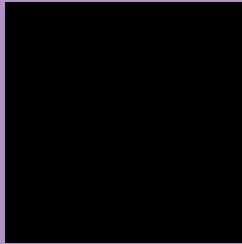
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.4367, 0.2994, 0.2644

Background



This preview shows how black text looks on a background with the Yxy color 34.4367, 0.2994, 0.2644.



This preview shows how white text looks on a background with the Yxy color 34.4367, 0.2994, 0.2644.

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

34.4367, 0.2994, 0.2644

Protanopia

34.6288, 0.2665, 0.2647

Deuteranopia

34.4057, 0.2805, 0.2744



Tritanopia

34.4977, 0.3225, 0.3122

Trichromacy



Original Color

34.4367, 0.2994, 0.2644

Protanomaly

34.3235, 0.2782, 0.2644

Deuteranomaly

34.2891, 0.2865, 0.2700

Tritanomaly

34.4979, 0.3143, 0.2946

Monochromacy



Original Color

34.4367, 0.2994, 0.2644

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

35.4948, 0.3081, 0.3051

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.4367, 0.2994, 0.2644 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(179, 147, 196)` looks like.

```
.text, #text, p{  
    color:rgb(179, 147, 196)  
}
```

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(179, 147, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 147, 196) }
```

Border

The CSS property to change the border of an element to Yxy 34.4367, 0.2994, 0.2644 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(179, 147, 196) }
```

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

```
.border{ border-color:rgb(179, 147, 196) }
```

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

Here you see how a box with a 4 pixel rgb(179, 147, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 147, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 147, 196);  
box-shadow:4px 4px 4px 4px rgb(179, 147,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 34.4367, 0.2994, 0.2644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 147, 196) }
```

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

```
.background{ background-color: rgb(179,  
147, 196) }
```

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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