

Converting Colors

$Yxy(34.8546, 0.3285, 0.2744)$

Have a look what the booklet for
Yxy(34.8546, 0.3285, 0.2744)
contains.

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Color

Yxy(34.8546, 0.3285, 0.2744)

Conversions

Conversions Part 1

Format	Color
Hex	C68EB9
RGB	198, 142, 185
RGB Percent	78%, 56%, 73%
CMY	0.2234, 0.4432, 0.2744
CMYK	0.00, 0.28, 0.07, 0.22
HSL	314°, 33%, 67%
HSV	314°, 28%, 78%
XYZ	41.7264, 34.8546, 50.4401
YIQ	163.6460, 19.5730, 25.2450

Conversions

Conversions Part 2

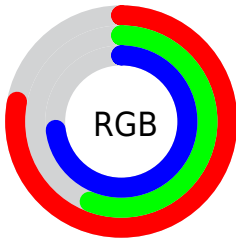
Format	Color
R _Y B	198, 142, 185
Decimal	13012665
CIE Lab	65.64, 28.13, -14.00
CIE LCh	66, 31.425, 333.542
Yxy	34.8546, 0.3285, 0.2744
Android (android.graphics.Color)	4291202745 (0xFFC68EB9)
YUV	163.6460, 10.5275, 30.1285
Hunter-Lab	59.0378, 22.8433, -9.3291

Details

The Yxy color **34.8546, 0.3285, 0.2744** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **48.5183, 0.3001, 0.3907**, and the grayscale version is **36.8913, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.0907, 0.3256, 0.2842**, and **14.9878, 0.3320, 0.2587** is the 20% darker color. If you saturate the color by 10%, you get **29.2872, 0.3357, 0.2549**, and if you desaturate by 10%, it is **41.4781, 0.3222, 0.2941**.

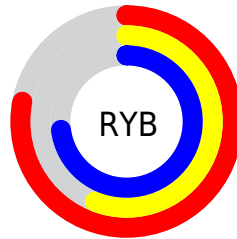
Distribution



Red (78%)

Green (56%)

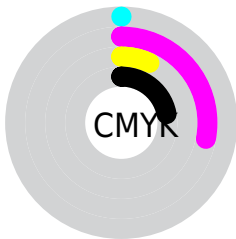
Blue (73%)



Red (78%)

Yellow (56%)

Blue (73%)

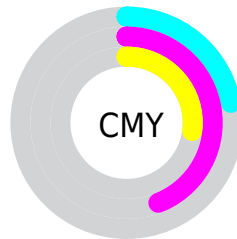


Cyan (0%)

Magenta (28%)

Yellow (7%)

Black (22%)



Cyan (22%)


Magenta (44%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.8546, 0.3285, 0.2744 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 34.8546, 0.3285, 0.2744 by changing the saturation by 10% instead.


 34.8546, 0.3285,
0.2744


 34.8546, 0.3285,
0.2744


323.9261, 0.3208,
0.3018


 23.5509, 0.3304,
0.2676


 67.2605, 0.3257,
0.2843

 15.0008, 0.3327,
0.2588


 89.1314, 0.3247,
0.2881

 8.8200, 0.3357,
0.2472


 115.2935, 0.3238,
0.2912

 4.6239, 0.3398,
0.2310

146.1313, 0.3230,
0.2939

 2.0283, 0.3455,
0.2071

182.0290, 0.3224,
0.2963

 0.6239, 0.3559,
0.1632

223.3711, 0.3218,

 0.0000, 0.3344,

0.2983

0.0000

270.5420, 0.3213,
0.3002

0.0000, 0.0000,
0.0000

34.8546, 0.3285,
0.2744

34.8546, 0.3285,
0.2744

29.2872, 0.3357,
0.2549

41.4781, 0.3222,
0.2941

24.7158, 0.3436,
0.2365

49.2046, 0.3167,
0.3135

21.0815, 0.3523,
0.2202

58.0835, 0.3120,
0.3321

18.3169, 0.3614,
0.2068

68.1599, 0.3080,
0.3496

16.3459, 0.3707,
0.1975

79.4768, 0.3046,
0.3660

■ 15.0791, 0.3799,
0.1927

■ 88.3138, 0.3018,
0.3753

■ 14.3780, 0.3888,
0.1923

■ 88.5499, 0.2993,
0.3701

■ 14.2792, 0.3904,
0.1924

■ 88.7927, 0.2968,
0.3650

■ 89.0423, 0.2943,
0.3598

Harmonies

Analogous

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



34.8546, 0.2805, 0.2554



34.8546, 0.3285, 0.2744



34.8546, 0.3753, 0.3056

Triad

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



34.8546, 0.3285, 0.2744



34.8546, 0.3822, 0.4088



34.8546, 0.2286, 0.3033

Complementary

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



34.8546, 0.3285, 0.2744



48.5183, 0.3001, 0.3907

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.



34.8546, 0.2518, 0.3505



34.8546, 0.3285, 0.2744



34.8546, 0.3397, 0.4160

Square

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



34.8546, 0.3285, 0.2744



34.8546, 0.4069, 0.3808



34.8546, 0.2920, 0.3944



34.8546, 0.2261, 0.2686

Rectangle

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



34.8546, 0.3285, 0.2744



34.8546, 0.3977, 0.3304



34.8546, 0.2920, 0.3944



34.8546, 0.2341, 0.3182

Sweetspot

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



34.8562, 0.3285, 0.2744



87.3667, 0.3166, 0.3138



30.3039, 0.2744, 0.2503



18.2240, 0.3174, 0.3109



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.



34.8562, 0.3285, 0.2744



55.3673, 0.3329, 0.2622



33.8164, 0.3567, 0.3083



10.7729, 0.3172, 0.3114



9.2966, 0.3892, 0.1918



0.4508, 0.3722, 0.1824

Inverse Universe

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



34.8562, 0.3285, 0.2744



55.3673, 0.3329, 0.2622



49.5356, 0.2821, 0.3509



10.7729, 0.3172, 0.3114



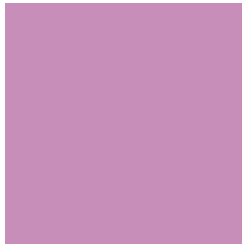
9.2966, 0.3892, 0.1918



0.4508, 0.3722, 0.1824

Previews

White Background



This preview shows how the Yxy color 34.8546, 0.3285, 0.2744 looks on a white background.

Color Contrast Check

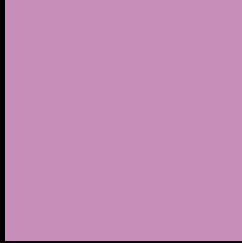
Large Text (above 18pt) WCAG AA × Fail

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 34.8546, 0.3285, 0.2744 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

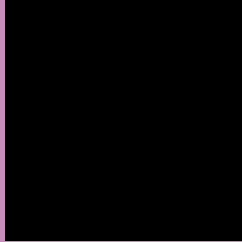
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.8546, 0.3285, 0.2744

Background



This preview shows how black text looks on a background with the Yxy color 34.8546, 0.3285, 0.2744.



This preview shows how white text looks on a background with the Yxy color 34.8546, 0.3285, 0.2744.

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

34.8546, 0.3285, 0.2744

Protanopia

35.0186, 0.2750, 0.2755

Deuteranopia

35.0468, 0.2974, 0.2925



Tritanopia

34.9382, 0.3521, 0.3145

Trichromacy



Original Color

34.8546, 0.3285, 0.2744

Protanomaly

34.5871, 0.2926, 0.2743

Deuteranomaly

34.7822, 0.3079, 0.2855

Tritanomaly

34.8137, 0.3432, 0.2990

Monochromacy



Original Color

34.8546, 0.3285, 0.2744

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

35.9856, 0.3176, 0.3069

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.8546, 0.3285, 0.2744 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(198, 142, 185)` looks like.

```
.text, #text, p{  
    color:rgb(198, 142, 185)  
}
```

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(198, 142, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 142, 185) }
```

Border

The CSS property to change the border of an element to Yxy 34.8546, 0.3285, 0.2744 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(198, 142, 185) }
```

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

```
.border{ border-color:rgb(198, 142, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 142, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 142, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 142, 185);  
box-shadow:4px 4px 4px 4px rgb(198, 142,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 34.8546, 0.3285, 0.2744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 142, 185) }
```

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

```
.background{ background-color: rgb(198,  
142, 185) }
```

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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