

Converting Colors

$Y_{xy}(35.2794, 0.3630, 0.2919)$

Have a look what the booklet for
Yxy(35.2794, 0.3630, 0.2919)
contains.

Yxy(35.3003, 0.3635, 0.2924)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(35.3003, 0.3635, 0.2924)

Conversions

Conversions Part 1

Format	Color
Hex	D68AA8
RGB	214, 138, 168
RGB Percent	84%, 54%, 66%
CMY	0.1608, 0.4588, 0.3412
CMYK	0.00, 0.36, 0.21, 0.16
HSL	336°, 48%, 69%
HSV	336°, 36%, 84%
XYZ	43.8839, 35.3003, 41.5418
YIQ	164.1440, 35.6660, 25.4420

Conversions

Conversions Part 2

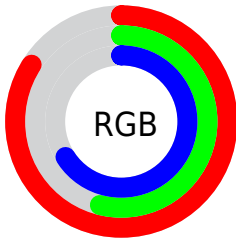
Format	Color
R _Y B	214, 138, 168
Decimal	14060200
CIE Lab	65.98, 33.08, -3.71
CIE LCh	66, 33.287, 353.602
Yxy	35.3003, 0.3635, 0.2924
Android (android.graphics.Color)	4292250280 (0xFFD68AA8)
YUV	164.1440, 1.9010, 43.7237
Hunter-Lab	59.4141, 27.8676, 0.1347

Details

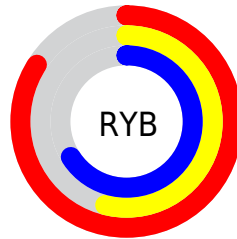
The Yxy color **35.3003, 0.3635, 0.2924** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **56.9512, 0.2800, 0.3693**, and the grayscale version is **37.1755, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.2870, 0.3398, 0.2976**, and **15.3464, 0.3798, 0.2821** is the 20% darker color. If you saturate the color by 10%, you get **29.2950, 0.3849, 0.2821**, and if you desaturate by 10%, it is **42.5666, 0.3456, 0.3031**.

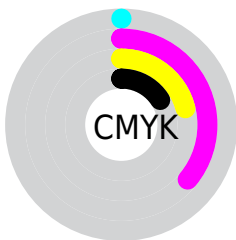
Distribution



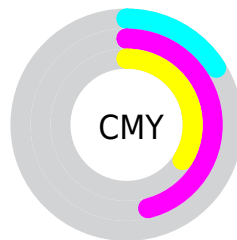
- Red (84%)
- Green (54%)
- Blue (66%)



- Red (84%)
- Yellow (54%)
- Blue (66%)



- Cyan (0%)
- Magenta (36%)
- Yellow (21%)
- Black (16%)





- Cyan (16%)
- Magenta (46%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.3003, 0.3635, 0.2924 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 35.3003, 0.3635, 0.2924 by changing the saturation by 10% instead.


 35.3003, 0.3635,
0.2924


 35.3003, 0.3635,
0.2924


325.8919, 0.3371,
0.3112


 23.8943, 0.3704,
0.2876


 67.9507, 0.3537,
0.2993

 15.2552, 0.3795,
0.2813


 89.9639, 0.3501,
0.3019

 8.9987, 0.3918,
0.2728


 116.2816, 0.3470,
0.3041

 4.7403, 0.4098,
0.2606

147.2883, 0.3445,
0.3059

 2.0957, 0.4381,
0.2418

183.3682, 0.3423,
0.3075

 0.6622, 0.4916,
0.2050

224.9059, 0.3403,

 0.0000, 1.0000,

0.3089

0.0000

272.2856, 0.3386,
0.3101

0.0000, 0.0000,
0.0000

35.3003, 0.3635,
0.2924

35.3003, 0.3635,
0.2924

29.2950, 0.3849,
0.2821

42.5666, 0.3456,
0.3031

24.4731, 0.4099,
0.2731

51.1558, 0.3307,
0.3136

20.7557, 0.4381,
0.2664

61.1318, 0.3185,
0.3237

18.0526, 0.4688,
0.2633

72.5526, 0.3085,
0.3332

16.2587, 0.5001,
0.2650

85.4731, 0.3002,
0.3419

■ 15.2455, 0.5297,
0.2720

■ 92.4507, 0.2932,
0.3385

■ 14.9408, 0.5424,
0.2762

■ 93.0339, 0.2883,
0.3289

Harmonies

Analogous

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



35.3003, 0.3118, 0.2635



35.3003, 0.3635, 0.2924



35.3003, 0.4025, 0.3303

Triad

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



35.3003, 0.3635, 0.2924



35.3003, 0.3570, 0.4216



35.3003, 0.2202, 0.2753

Complementary

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



35.3003, 0.3635, 0.2924



56.9512, 0.2800, 0.3693

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.



35.3003, 0.2300, 0.3173



35.3003, 0.3635, 0.2924



35.3003, 0.3070, 0.4093

Square

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



35.3003, 0.3635, 0.2924



35.3003, 0.3970, 0.4049



35.3003, 0.2609, 0.3686



35.3003, 0.2321, 0.2521

Rectangle

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



35.3003, 0.3635, 0.2924



35.3003, 0.4140, 0.3574



35.3003, 0.2609, 0.3686



35.3003, 0.2210, 0.2874

Sweetspot

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



35.3020, 0.3635, 0.2924



82.3449, 0.3250, 0.3181



33.1761, 0.2882, 0.2338



17.1984, 0.3267, 0.3167



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.



35.3020, 0.3635, 0.2924



45.2754, 0.3802, 0.2842



36.5676, 0.3940, 0.3387



12.5012, 0.3230, 0.3198



9.0513, 0.5386, 0.2741



0.5620, 0.4926, 0.2487

Inverse Universe

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



35.3020, 0.3635, 0.2924



45.2754, 0.3802, 0.2842



54.5886, 0.2617, 0.3189



12.5012, 0.3230, 0.3198



9.0513, 0.5386, 0.2741



0.5620, 0.4926, 0.2487

Previews

White Background



This preview shows how the Yxy color 35.3003, 0.3635, 0.2924 looks on a white background.

Color Contrast Check

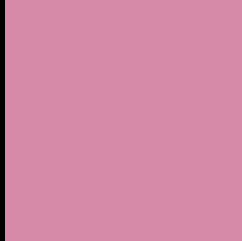
Large Text (above 18pt) WCAG AA × Fail

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 35.3003, 0.3635, 0.2924 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

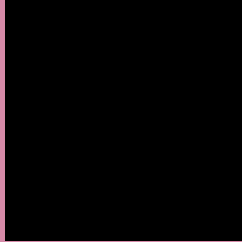
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.3003, 0.3635, 0.2924

Background



This preview shows how black text looks on a background with the Yxy color 35.3003, 0.3635, 0.2924.



This preview shows how white text looks on a background with the Yxy color 35.3003, 0.3635, 0.2924.

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

35.3003, 0.3635, 0.2924

Protanopia

35.7469, 0.2929, 0.2991

Deuteranopia

35.4922, 0.3221, 0.3164



Tritanopia

35.3138, 0.3782, 0.3154

Trichromacy



Original Color

35.3003, 0.3635, 0.2924

Protanomaly

35.0560, 0.3162, 0.2962

Deuteranomaly

35.0669, 0.3373, 0.3063

Tritanomaly

35.3709, 0.3730, 0.3069

Monochromacy



Original Color

35.3003, 0.3635, 0.2924

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.1044, 0.3302, 0.3154

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.3003, 0.3635, 0.2924 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(214, 138, 168)` looks like.

```
.text, #text, p{  
    color:rgb(214, 138, 168)  
}
```

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(214, 138, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 138, 168) }
```

Border

The CSS property to change the border of an element to Yxy 35.3003, 0.3635, 0.2924 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(214, 138, 168) }
```

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

```
.border{ border-color:rgb(214, 138, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 138, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(214, 138, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(214, 138, 168); box-shadow:4px 4px 4px 4px rgb(214, 138, 168) }
```


Background

The CSS property to change the background color of an element to Yxy 35.3003, 0.3635, 0.2924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 138, 168) }
```

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

```
.background{ background-color: rgb(214,  
138, 168) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor