

Converting Colors

$Y_{xy}(34.3759, 0.3693, 0.2841)$

Have a look what the booklet for
Yxy(34.3759, 0.3693, 0.2841)
contains.

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Color

Yxy(34.4272, 0.3692, 0.2848)

Conversions

Conversions Part 1

Format	Color
Hex	DB84A9
RGB	219, 132, 169
RGB Percent	86%, 52%, 66%
CMY	0.1411, 0.4824, 0.3373
CMYK	0.00, 0.40, 0.23, 0.14
HSL	334°, 55%, 69%
HSV	334°, 40%, 86%
XYZ	44.6296, 34.4272, 41.8252
YIQ	162.2310, 39.9750, 29.9510

Conversions

Conversions Part 2

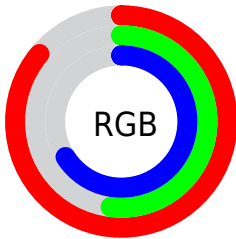
Format	Color
R _Y B	219, 132, 169
Decimal	14386345
CIE Lab	65.30, 38.19, -5.21
CIE LCh	65, 38.548, 352.228
Yxy	34.4272, 0.3692, 0.2848
Android (android.graphics.Color)	4292576425 (0xFFDB84A9)
YUV	162.2310, 3.3371, 49.7864
Hunter-Lab	58.6747, 33.0915, -1.1915

Details

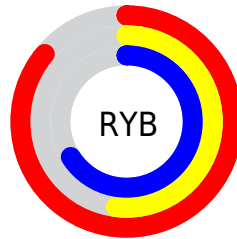
The Yxy color **34.4272, 0.3692, 0.2848** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **58.9564, 0.2782, 0.3788**, and the grayscale version is **36.2158, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.7596, 0.3398, 0.2904**, and **14.7031, 0.3868, 0.2711** is the 20% darker color. If you saturate the color by 10%, you get **28.6492, 0.3908, 0.2742**, and if you desaturate by 10%, it is **41.5008, 0.3509, 0.2962**.

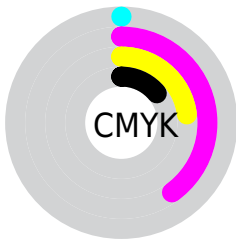
Distribution



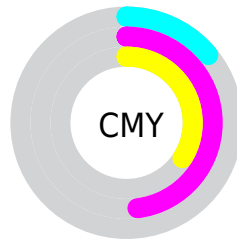
- Red (86%)
- Green (52%)
- Blue (66%)



- Red (86%)
- Yellow (52%)
- Blue (66%)



- Cyan (0%)
- Magenta (40%)
- Yellow (23%)
- Black (14%)





- Cyan (14%)
- Magenta (48%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.4272, 0.3692, 0.2848 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 34.4272, 0.3692, 0.2848 by changing the saturation by 10% instead.


 34.4272, 0.3692,
0.2848


 34.4272, 0.3692,
0.2848


322.0327, 0.3399,
0.3074


 23.2220, 0.3769,
0.2790


 66.5975, 0.3583,
0.2931

 14.7575, 0.3869,
0.2715


 88.3313, 0.3543,
0.2962

 8.6494, 0.4007,
0.2614


 114.3434, 0.3509,
0.2988

 4.5132, 0.4206,
0.2470

145.0183, 0.3480,
0.3010

 1.9646, 0.4518,
0.2250

180.7402, 0.3456,
0.3029

 0.5868, 0.5123,
0.1799

221.8937, 0.3434,

 0.0000, 1.0000,

0.3046


0.0000

268.8631, 0.3415,
0.3061

 0.0000, 0.0000,
0.0000

 34.4272, 0.3692,
0.2848


 34.4272, 0.3692,
0.2848

 28.6492, 0.3908,
0.2742


 41.5008, 0.3509,
0.2962


 24.0820, 0.4157,
0.2652


 49.9382, 0.3355,
0.3077


 20.6382, 0.4434,
0.2592


 59.8085, 0.3229,
0.3188


 18.2165, 0.4727,
0.2575


 71.1749, 0.3125,
0.3293


 16.6970, 0.5019,
0.2609

 84.0965, 0.3039,
0.3390

 15.8740, 0.5294,
0.2692

 93.1473, 0.2968,
0.3397

 15.8553, 0.5301,
0.2694

 93.8030, 0.2912,
0.3289

Harmonies

Analogous

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



34.4272, 0.3084, 0.2527



34.4272, 0.3692, 0.2848



34.4272, 0.4162, 0.3274

Triad

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



34.4272, 0.3692, 0.2848



34.4272, 0.3657, 0.4371



34.4272, 0.2064, 0.2677

Complementary

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



34.4272, 0.3692, 0.2848



58.9564, 0.2782, 0.3788

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.



34.4272, 0.2184, 0.3171



34.4272, 0.3692, 0.2848



34.4272, 0.3079, 0.4256

Square

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



34.4272, 0.3692, 0.2848



34.4272, 0.4118, 0.4145



34.4272, 0.2543, 0.3782



34.4272, 0.2188, 0.2408

Rectangle

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



34.4272, 0.3692, 0.2848



34.4272, 0.4306, 0.3582



34.4272, 0.2543, 0.3782



34.4272, 0.2076, 0.2819

Sweetspot

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



34.4288, 0.3692, 0.2848



80.9250, 0.3257, 0.3162



31.4782, 0.2816, 0.2207



16.9170, 0.3273, 0.3147



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.



34.4288, 0.3692, 0.2848



41.4132, 0.3878, 0.2755



34.8478, 0.4096, 0.3363



13.1429, 0.3225, 0.3191



9.4205, 0.5264, 0.2673



0.6273, 0.4848, 0.2444

Inverse Universe

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



34.4288, 0.3692, 0.2848



41.4132, 0.3878, 0.2755



57.7186, 0.2570, 0.3214



13.1429, 0.3225, 0.3191



9.4205, 0.5264, 0.2673



0.6273, 0.4848, 0.2444

Previews

White Background



This preview shows how the Yxy color 34.4272, 0.3692, 0.2848 looks on a white background.

Color Contrast Check

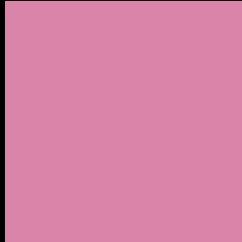
Large Text (above 18pt) WCAG AA × Fail

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 34.4272, 0.3692, 0.2848 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

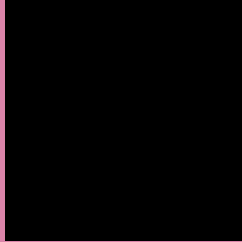
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.4272, 0.3692, 0.2848

Background



This preview shows how black text looks on a background with the Yxy color 34.4272, 0.3692, 0.2848.



This preview shows how white text looks on a background with the Yxy color 34.4272, 0.3692, 0.2848.

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

34.4272, 0.3692, 0.2848

Protanopia

34.8265, 0.2860, 0.2903

Deuteranopia

34.5985, 0.3204, 0.3135



Tritanopia

34.4354, 0.3922, 0.3170

Trichromacy



Original Color

34.4272, 0.3692, 0.2848



Protanomaly

34.2145, 0.3136, 0.2881



Deuteranomaly

34.1298, 0.3378, 0.3022



Tritanomaly

34.5665, 0.3844, 0.3061

Monochromacy



Original Color

34.4272, 0.3692, 0.2848



Achromatopsia

36.1307, 0.3127, 0.3290



Achromatomaly

34.9171, 0.3318, 0.3099

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.4272, 0.3692, 0.2848 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(219, 132, 169)` looks like.

```
.text, #text, p{  
    color:rgb(219, 132, 169)  
}
```

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(219, 132, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 132, 169) }
```

Border

The CSS property to change the border of an element to Yxy 34.4272, 0.3692, 0.2848 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(219, 132, 169) }
```

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

```
.border{ border-color:rgb(219, 132, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 132, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 132, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 132, 169);  
box-shadow:4px 4px 4px 4px rgb(219, 132,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 34.4272, 0.3692, 0.2848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 132, 169) }
```

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

```
.background{ background-color: rgb(219,  
132, 169) }
```

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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