

Converting Colors

$Y_{xy}(36.5424, 0.3630, 0.2884)$

Have a look what the booklet for
Yxy(36.5424, 0.3630, 0.2884)
contains.

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Color

Yxy(36.5424, 0.3630, 0.2884)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | DB8BAD |
| RGB | 219, 139, 173 |
| RGB Percent | 86%, 55%, 68% |
| CMY | 0.1411, 0.4549, 0.3215 |
| CMYK | 0.00, 0.37, 0.21, 0.14 |
| HSL | 334°, 53%, 70% |
| HSV | 334°, 37%, 86% |
| XYZ | 45.9948, 36.5424, 44.1702 |
| YIQ | 166.7960, 36.7660, 27.5340 |

Conversions

Conversions Part 2

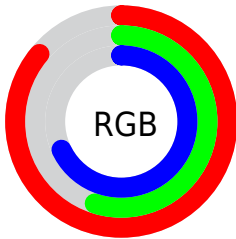
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 219, 139, 173 |
| Decimal | 14388141 |
| CIE _{Lab} | 66.93, 35.08, -5.07 |
| CIE _{LCh} | 67, 35.446, 351.781 |
| Yxy | 36.5424, 0.3630, 0.2884 |
| Android (android.graphics.Color) | 4292578221 (0xFFDB8BAD) |
| YUV | 166.7960, 3.0586, 45.7829 |
| Hunter-Lab | 60.4503, 30.0271, -1.0071 |

Details

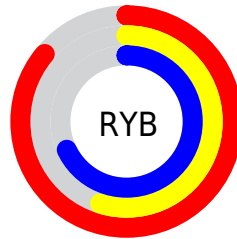
The Yxy color **36.5424, 0.3630, 0.2884** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **59.6662, 0.2806, 0.3742**, and the grayscale version is **38.5116, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.4450, 0.3356, 0.2947**, and **15.8782, 0.3775, 0.2754** is the 20% darker color. If you saturate the color by 10%, you get **30.3599, 0.3836, 0.2774**, and if you desaturate by 10%, it is **44.0447, 0.3457, 0.2999**.

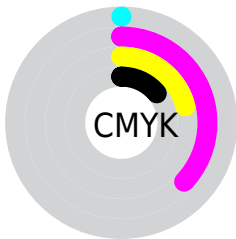
Distribution



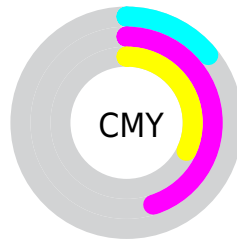
- Red (86%)
- Green (55%)
- Blue (68%)



- Red (86%)
- Yellow (55%)
- Blue (68%)



- Cyan (0%)
- Magenta (37%)
- Yellow (21%)
- Black (14%)





- Cyan (14%)
- Magenta (45%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.5424, 0.3630, 0.2884 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 36.5424, 0.3630, 0.2884 by changing the saturation by 10% instead.


 36.5424, 0.3630,
0.2884


 36.5424, 0.3630,
0.2884


331.3251, 0.3371,
0.3090


 24.8534, 0.3697,
0.2832


 69.8684, 0.3534,
0.2959

 15.9679, 0.3784,
0.2764


 92.2742, 0.3499,
0.2988

 9.5014, 0.3903,
0.2674


 119.0211, 0.3469,
0.3011

 5.0697, 0.4073,
0.2546

150.4934, 0.3444,
0.3032

 2.2882, 0.4337,
0.2352

187.0756, 0.3422,
0.3049

 0.7674, 0.4804,
0.2019

229.1520, 0.3403,

 0.0000, 1.0000,

0.3064

0.0000

277.1070, 0.3386,
0.3078

0.0000, 0.0000,
0.0000

36.5424, 0.3630,
0.2884

36.5424, 0.3630,
0.2884

30.3599, 0.3836,
0.2774

44.0447, 0.3457,
0.2999

25.4145, 0.4074,
0.2678

52.9330, 0.3312,
0.3113

21.6222, 0.4343,
0.2608

63.2748, 0.3193,
0.3222

18.8861, 0.4633,
0.2575

75.1320, 0.3095,
0.3325

17.0931, 0.4927,
0.2592

88.5629, 0.3015,
0.3420

■ 16.0999, 0.5208,
0.2663

■ 93.3960, 0.2946,
0.3355

■ 15.8558, 0.5301,
0.2694

■ 93.8036, 0.2912,
0.3289

Harmonies

Analogous

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



36.5424, 0.3083, 0.2590



36.5424, 0.3630, 0.2884



36.5424, 0.4055, 0.3275

Triad

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



36.5424, 0.3630, 0.2884



36.5424, 0.3620, 0.4262



36.5424, 0.2158, 0.2745

Complementary

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



36.5424, 0.3630, 0.2884



59.6662, 0.2806, 0.3742

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.



36.5424, 0.2273, 0.3196



36.5424, 0.3630, 0.2884



36.5424, 0.3097, 0.4156

Square

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



36.5424, 0.3630, 0.2884



36.5424, 0.4031, 0.4066



36.5424, 0.2607, 0.3739



36.5424, 0.2269, 0.2492

Rectangle

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



36.5424, 0.3630, 0.2884



36.5424, 0.4188, 0.3558



36.5424, 0.2607, 0.3739



36.5424, 0.2171, 0.2876

Sweetspot

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



36.5441, 0.3630, 0.2884



82.3954, 0.3245, 0.3173



33.8113, 0.2848, 0.2300



17.2103, 0.3261, 0.3158



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.



36.5441, 0.3630, 0.2884



44.5843, 0.3788, 0.2797



36.9733, 0.3987, 0.3357



13.1429, 0.3225, 0.3191



9.4204, 0.5264, 0.2673



0.6273, 0.4848, 0.2444

Inverse Universe

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



36.5441, 0.3630, 0.2884



44.5843, 0.3788, 0.2797



58.5391, 0.2608, 0.3220



13.1429, 0.3225, 0.3191



9.4204, 0.5264, 0.2673



0.6273, 0.4848, 0.2444

Previews

White Background



This preview shows how the Yxy color 36.5424, 0.3630, 0.2884 looks on a white background.

Color Contrast Check

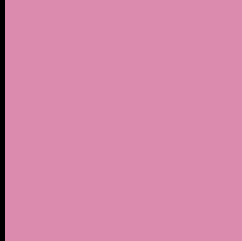
Large Text (above 18pt) WCAG AA × Fail

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 36.5424, 0.3630, 0.2884 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

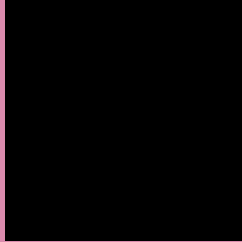
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.5424, 0.3630, 0.2884

Background



This preview shows how black text looks on a background with the Yxy color 36.5424, 0.3630, 0.2884.



This preview shows how white text looks on a background with the Yxy color 36.5424, 0.3630, 0.2884.

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

36.5424, 0.3630, 0.2884

Protanopia

36.7994, 0.2890, 0.2939

Deuteranopia

36.5861, 0.3193, 0.3124



Tritanopia

36.3976, 0.3820, 0.3157

Trichromacy



Original Color

36.5424, 0.3630, 0.2884

Protanomaly

36.3124, 0.3135, 0.2915

Deuteranomaly

36.2800, 0.3350, 0.3027

Tritanomaly

36.4932, 0.3756, 0.3061

Monochromacy



Original Color

36.5424, 0.3630, 0.2884

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

37.4176, 0.3301, 0.3130

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.5424, 0.3630, 0.2884 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, 139, 173)` looks like.

```
.text, #text, p{  
    color:rgb(219, 139, 173)  
}
```

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, 139, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 139, 173) }
```

Border

The CSS property to change the border of an element to Yxy 36.5424, 0.3630, 0.2884 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, 139, 173) }
```

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

```
.border{ border-color:rgb(219, 139, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 139, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 139, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 139, 173);  
box-shadow:4px 4px 4px 4px rgb(219, 139,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 36.5424, 0.3630, 0.2884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 139, 173) }
```

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

```
.background{ background-color: rgb(219,  
139, 173) }
```

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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