

Converting Colors

$Y_{xy}(36.6412, 0.3554, 0.2918)$

Have a look what the booklet for
Yxy(36.6412, 0.3554, 0.2918)
contains.

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Color

Yxy(36.8082, 0.3559, 0.2924)

Conversions

Conversions Part 1

Format	Color
Hex	D58FAD
RGB	213, 143, 173
RGB Percent	84%, 56%, 68%
CMY	0.1648, 0.4392, 0.3216
CMYK	0.00, 0.33, 0.19, 0.16
HSL	334°, 45%, 70%
HSV	334°, 33%, 84%
XYZ	44.8018, 36.8082, 44.2731
YIQ	167.3500, 32.0900, 24.1700

Conversions

Conversions Part 2

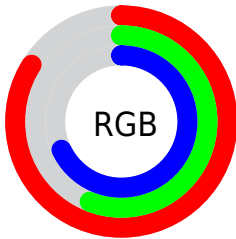
Format	Color
R _Y B	213, 143, 173
Decimal	13995949
CIE Lab	67.13, 30.79, -4.84
CIE LCh	67, 31.171, 351.075
Yxy	36.8082, 0.3559, 0.2924
Android (android.graphics.Color)	4292186029 (0xFFD58FAD)
YUV	167.3500, 2.7855, 40.0351
Hunter-Lab	60.6698, 25.6418, -0.7974

Details

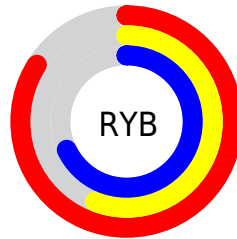
The Yxy color **36.8082, 0.3559, 0.2924** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **56.8414, 0.2836, 0.3691**, and the grayscale version is **38.7983, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.7939, 0.3353, 0.2977**, and **16.2029, 0.3685, 0.2819** is the 20% darker color. If you saturate the color by 10%, you get **30.5600, 0.3751, 0.2811**, and if you desaturate by 10%, it is **44.3167, 0.3398, 0.3040**.

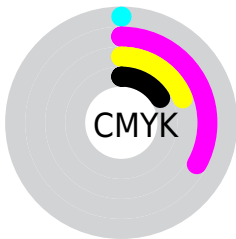
Distribution



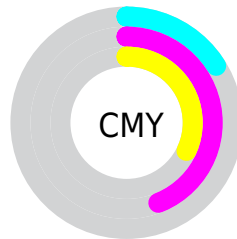
- Red (84%)
- Green (56%)
- Blue (68%)



- Red (84%)
- Yellow (56%)
- Blue (68%)



- Cyan (0%)
- Magenta (33%)
- Yellow (19%)
- Black (16%)





- Cyan (16%)
- Magenta (44%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.8082, 0.3559, 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 36.8082, 0.3559, 0.2924 by changing the saturation by 10% instead.


 36.8082, 0.3559,
0.2924


 36.8082, 0.3559,
0.2924


332.4794, 0.3337,
0.3110

 25.0590, 0.3616,
0.2877


 70.2777, 0.3477,
0.2992

 16.1210, 0.3691,
0.2816


 92.7668, 0.3446,
0.3018

 9.6098, 0.3793,
0.2734


119.6047, 0.3421,
0.3039

 5.1410, 0.3940,
0.2617

151.1757, 0.3399,
0.3057

 2.3303, 0.4168,
0.2441

187.8643, 0.3380,
0.3073

 0.7897, 0.4571,
0.2136

230.0549, 0.3364,

 0.0000, 1.0000,

0.3087

0.0000

278.1318, 0.3350,
0.3099

0.0000, 0.0000,
0.0000

36.8082, 0.3559,
0.2924

36.8082, 0.3559,
0.2924

30.5600, 0.3751,
0.2811

44.3167, 0.3398,
0.3040

25.4970, 0.3975,
0.2708

53.1450, 0.3265,
0.3153

21.5440, 0.4231,
0.2625


63.3548, 0.3155,
0.3261


18.6146, 0.4512,
0.2576


75.0027, 0.3064,
0.3361


16.6100, 0.4804,
0.2573

88.1417, 0.2990,
0.3454

 15.4110, 0.5090,
0.2623

 92.3199, 0.2925,
0.3382

 14.9035, 0.5284,
0.2684

 92.8840, 0.2877,
0.3289

Harmonies

Analogous

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



36.8082, 0.3080, 0.2663



36.8082, 0.3559, 0.2924



36.8082, 0.3933, 0.3274

Triad

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



36.8082, 0.3559, 0.2924



36.8082, 0.3577, 0.4140



36.8082, 0.2266, 0.2822

Complementary

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



36.8082, 0.3559, 0.2924



56.8414, 0.2836, 0.3691

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.



36.8082, 0.2377, 0.3224



36.8082, 0.3559, 0.2924



36.8082, 0.3117, 0.4047

Square

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



36.8082, 0.3559, 0.2924



36.8082, 0.3932, 0.3974



36.8082, 0.2680, 0.3693



36.8082, 0.2361, 0.2588

Rectangle

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



36.8082, 0.3559, 0.2924



36.8082, 0.4056, 0.3527



36.8082, 0.2680, 0.3693



36.8082, 0.2280, 0.2940

Sweetspot

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



36.8099, 0.3559, 0.2924



83.8922, 0.3232, 0.3183



34.4788, 0.2883, 0.2408



17.5091, 0.3249, 0.3168



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.



36.8099, 0.3559, 0.2924



48.9705, 0.3681, 0.2849



37.2068, 0.3866, 0.3350



12.5082, 0.3225, 0.3191



9.1247, 0.5248, 0.2664



0.5668, 0.4810, 0.2423

Inverse Universe

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



36.8099, 0.3559, 0.2924



48.9705, 0.3681, 0.2849



55.9126, 0.2654, 0.3228



12.5082, 0.3225, 0.3191



9.1247, 0.5248, 0.2664



0.5668, 0.4810, 0.2423

Previews

White Background



This preview shows how the Yxy color 36.8082, 0.3559, 0.2924 looks on a white background.

Color Contrast Check

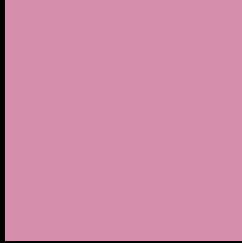
Large Text (above 18pt) WCAG AA × Fail

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 36.8082, 0.3559, 0.2924 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

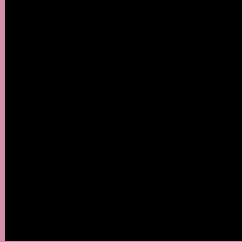
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.8082, 0.3559, 0.2924

Background



This preview shows how black text looks on a background with the Yxy color 36.8082, 0.3559, 0.2924.



This preview shows how white text looks on a background with the Yxy color 36.8082, 0.3559, 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

36.8082, 0.3559, 0.2924

Protanopia

37.1708, 0.2916, 0.2981

Deuteranopia

37.0457, 0.3202, 0.3139



Tritanopia

36.8410, 0.3701, 0.3154

Trichromacy



Original Color

36.8082, 0.3559, 0.2924

Protanomaly

36.6968, 0.3124, 0.2953

Deuteranomaly

36.6699, 0.3327, 0.3052

Tritanomaly

36.8922, 0.3650, 0.3068

Monochromacy



Original Color

36.8082, 0.3559, 0.2924

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

37.5086, 0.3280, 0.3142

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.8082, 0.3559, 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(213, 143, 173)` looks like.

```
.text, #text, p{  
    color:rgb(213, 143, 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(213, 143, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 143, 173) }
```

Border

The CSS property to change the border of an element to Yxy 36.8082, 0.3559, 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(213, 143, 173) }
```

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

```
.border{ border-color:rgb(213, 143, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 143, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 143, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 143, 173);  
box-shadow:4px 4px 4px 4px rgb(213, 143,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 36.8082, 0.3559, 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(213, 143, 173) }
```

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

```
.background{ background-color: rgb(213,  
143, 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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