

Converting Colors

Yxy(36.4161, 0.3432, 0.2870)

Have a look what the booklet for
Yxy(36.4161, 0.3432, 0.2870)
contains.

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Color

Yxy(36.2827, 0.3434, 0.2866)

Conversions

Conversions Part 1

Format	Color
Hex	CE90B2
RGB	206, 144, 178
RGB Percent	81%, 56%, 70%
CMY	0.1920, 0.4354, 0.3019
CMYK	0.00, 0.30, 0.14, 0.19
HSL	327°, 39%, 69%
HSV	327°, 30%, 81%
XYZ	43.4734, 36.2827, 46.8409
YIQ	166.4140, 26.0380, 23.7180

Conversions

Conversions Part 2

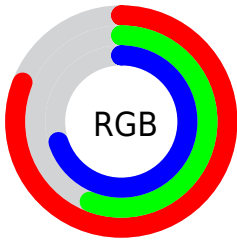
Format	Color
RYB	206, 144, 178
Decimal	13537458
CIELab	66.74, 28.62, -8.33
CIELCh	67, 29.811, 343.769
Yxy	36.2827, 0.3434, 0.2866
Android (android.graphics.Color)	4291727538 (0xFFCE90B2)
YUV	166.4140, 5.7119, 34.7169
Hunter-Lab	60.2351, 23.4171, -3.9413

Details

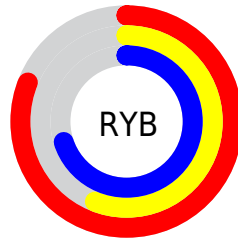
The Yxy color **36.2827, 0.3434, 0.2866** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **53.0710, 0.2905, 0.3758**, and the grayscale version is **38.3081, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.5887, 0.3306, 0.2929**, and **15.8887, 0.3534, 0.2755** is the 20% darker color. If you saturate the color by 10%, you get **30.2418, 0.3576, 0.2722**, and if you desaturate by 10%, it is **43.4912, 0.3314, 0.3012**.

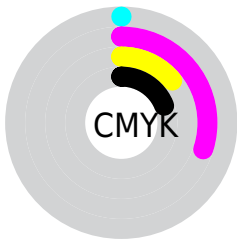
Distribution



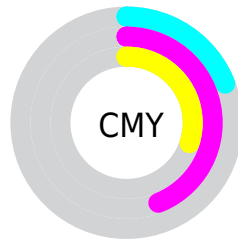
- Red (81%)
- Green (56%)
- Blue (70%)



- Red (81%)
- Yellow (56%)
- Blue (70%)



- Cyan (0%)
- Magenta (30%)
- Yellow (14%)
- Black (19%)





- Cyan (19%)
- Magenta (44%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.2827, 0.3434, 0.2866 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 36.2827, 0.3434, 0.2866 by changing the saturation by 10% instead.


 36.2827, 0.3434,
0.2866


 36.2827, 0.3434,
0.2866


330.1945, 0.3278,
0.3080

 24.6526, 0.3474,
0.2812


 69.4682, 0.3377,
0.2944

 15.8184, 0.3526,
0.2743


 91.7924, 0.3355,
0.2973

 9.3958, 0.3596,
0.2650


118.4500, 0.3337,
0.2998

 5.0002, 0.3695,
0.2520

149.8256, 0.3322,
0.3019

 2.2474, 0.3847,
0.2326

186.3034, 0.3309,
0.3037

 0.7456, 0.4115,
0.1988

228.2679, 0.3297,

 0.0000, 0.6527,

0.3053

0.0000

276.1035, 0.3287,
0.3067

0.0000, 0.0000,
0.0000

36.2827, 0.3434,
0.2866

36.2827, 0.3434,
0.2866

30.2418, 0.3576,
0.2722

43.4912, 0.3314,
0.3012

25.3011, 0.3740,
0.2586

51.9202, 0.3212,
0.3153

21.3937, 0.3925,
0.2469


61.6253, 0.3128,
0.3288

18.4434, 0.4129,
0.2383

72.6572, 0.3058,
0.3415


16.3635, 0.4344,
0.2339


85.0637, 0.3000,
0.3532

 15.0511, 0.4560,
0.2347

 90.5800, 0.2950,
0.3513

 14.3206, 0.4769,
0.2401

 91.1285, 0.2900,
0.3413

 91.7055, 0.2851,
0.3316

 91.8683, 0.2838,
0.3289

Harmonies

Analogous

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



36.2827, 0.2972, 0.2642



36.2827, 0.3434, 0.2866



36.2827, 0.3831, 0.3189

Triad

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



36.2827, 0.3434, 0.2866



36.2827, 0.3658, 0.4088



36.2827, 0.2305, 0.2923

Complementary

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



36.2827, 0.3434, 0.2866



53.0710, 0.2905, 0.3758

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.



36.2827, 0.2460, 0.3337



36.2827, 0.3434, 0.2866



36.2827, 0.3230, 0.4063

Square

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



36.2827, 0.3434, 0.2866



36.2827, 0.3956, 0.3884



36.2827, 0.2792, 0.3776



36.2827, 0.2349, 0.2653

Rectangle

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



36.2827, 0.3434, 0.2866



36.2827, 0.3989, 0.3431



36.2827, 0.2792, 0.3776



36.2827, 0.2335, 0.3049

Sweetspot

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



36.2844, 0.3434, 0.2866



85.5718, 0.3203, 0.3167



33.1599, 0.2842, 0.2473



17.8516, 0.3217, 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.



36.2844, 0.3434, 0.2866



52.3573, 0.3521, 0.2774



35.1785, 0.3763, 0.3252



11.3149, 0.3206, 0.3164



8.8336, 0.4739, 0.2384



0.4709, 0.4361, 0.2176

Inverse Universe

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



36.2844, 0.3434, 0.2866



52.3573, 0.3521, 0.2774



54.4012, 0.2715, 0.3330



11.3149, 0.3206, 0.3164



8.8336, 0.4739, 0.2384



0.4709, 0.4361, 0.2176

Previews

White Background



This preview shows how the Yxy color 36.2827, 0.3434, 0.2866 looks on a white background.

Color Contrast Check

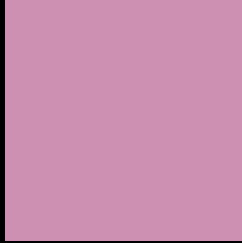
Large Text (above 18pt) WCAG AA × Fail

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 36.2827, 0.3434, 0.2866 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

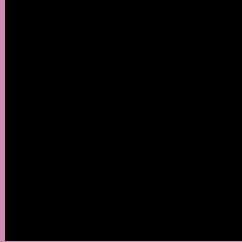
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.2827, 0.3434, 0.2866

Background



This preview shows how black text looks on a background with the Yxy color 36.2827, 0.3434, 0.2866.



This preview shows how white text looks on a background with the Yxy color 36.2827, 0.3434, 0.2866.

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

36.2827, 0.3434, 0.2866

Protanopia

36.4330, 0.2865, 0.2897

Deuteranopia

36.4331, 0.3119, 0.3055



Tritanopia

36.2080, 0.3604, 0.3138

Trichromacy



Original Color

36.2827, 0.3434, 0.2866

Protanomaly

36.0594, 0.3051, 0.2883

Deuteranomaly

36.2313, 0.3230, 0.2983

Tritanomaly

36.2901, 0.3544, 0.3037

Monochromacy



Original Color

36.2827, 0.3434, 0.2866

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

37.1798, 0.3241, 0.3127

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.2827, 0.3434, 0.2866 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(206, 144, 178)` looks like.

```
.text, #text, p{  
    color:rgb(206, 144, 178)  
}
```

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(206, 144, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 144, 178) }
```

Border

The CSS property to change the border of an element to Yxy 36.2827, 0.3434, 0.2866 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(206, 144, 178) }
```

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

```
.border{ border-color:rgb(206, 144, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 144, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 144, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 144, 178);  
box-shadow:4px 4px 4px 4px rgb(206, 144,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 36.2827, 0.3434, 0.2866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 144, 178) }
```

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

```
.background{ background-color: rgb(206,  
144, 178) }
```

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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