

Converting Colors

Yxy(34.4934, 0.3237, 0.2524)

Have a look what the booklet for
Yxy(34.4934, 0.3237, 0.2524)
contains.

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Color

Yxy(34.5270, 0.3244, 0.2528)

Conversions

Conversions Part 1

Format	Color
Hex	CE87C6
RGB	206, 135, 198
RGB Percent	81%, 53%, 78%
CMY	0.1922, 0.4705, 0.2236
CMYK	0.00, 0.34, 0.04, 0.19
HSL	307°, 42%, 67%
HSV	307°, 34%, 81%
XYZ	44.3060, 34.5270, 57.7453
YIQ	163.4110, 22.0930, 34.6450

Conversions

Conversions Part 2

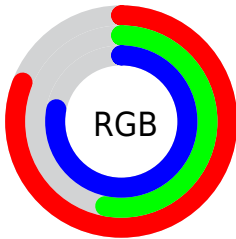
Format	Color
R _Y B	206, 135, 198
Decimal	13535174
CIE Lab	65.38, 36.91, -21.58
CIE LCh	65, 42.759, 329.689
Yxy	34.5270, 0.3244, 0.2528
Android (android.graphics.Color)	4291725254 (0xFFCE87C6)
YUV	163.4110, 17.0524, 37.3506
Hunter-Lab	58.7597, 31.7632, -17.1347

Details

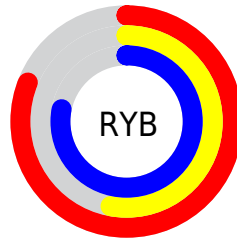
The Yxy color **34.5270, 0.3244, 0.2528** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **51.2718, 0.3029, 0.4195**, and the grayscale version is **36.7411, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.8752, 0.3157, 0.2644**, and **14.8383, 0.3259, 0.2327** is the 20% darker color. If you saturate the color by 10%, you get **29.2188, 0.3285, 0.2316**, and if you desaturate by 10%, it is **40.9519, 0.3206, 0.2750**.

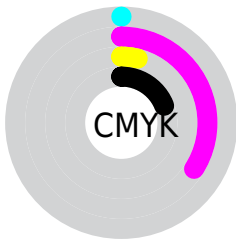
Distribution



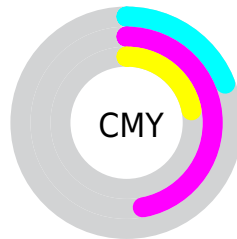
- Red (81%)
- Green (53%)
- Blue (78%)



- Red (81%)
- Yellow (53%)
- Blue (78%)



- Cyan (0%)
- Magenta (34%)
- Yellow (4%)
- Black (19%)





- Cyan (19%)
- Magenta (47%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.5270, 0.3244, 0.2528 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 34.5270, 0.3244, 0.2528 by changing the saturation by 10% instead.


 34.5270, 0.3244,
0.2528


 34.5270, 0.3244,
0.2528


322.4756, 0.3193,
0.2902


 23.2987, 0.3254,
0.2437


 66.7524, 0.3227,
0.2662

 14.8143, 0.3266,
0.2322


 88.5183, 0.3221,
0.2713

 8.6891, 0.3279,
0.2172


 114.5655, 0.3215,
0.2757

 4.5390, 0.3292,
0.1970

145.2785, 0.3209,
0.2794

 1.9794, 0.3300,
0.1683

181.0416, 0.3205,
0.2826

 0.5955, 0.3305,
0.1204

222.2392, 0.3200,


 0.0000, 0.3036,


0.2855


0.0000


269.2557, 0.3197,
0.2880

 0.0000, 0.0000,
0.0000

 34.5270, 0.3244,
0.2528

 34.5270, 0.3244,
0.2528


 29.2188, 0.3285,
0.2316


 40.9519, 0.3206,
0.2750

 24.9583, 0.3329,
0.2125


 48.5481, 0.3171,
0.2975


 21.6761, 0.3373,
0.1963

 57.3721, 0.3140,
0.3195

 19.2925, 0.3417,
0.1838

 67.4755, 0.3112,
0.3406

 17.7151, 0.3458,
0.1757

 78.9068, 0.3089,
0.3605

■ 16.8318, 0.3497,
0.1720

■ 89.3892, 0.3069,
0.3754

■ 16.5288, 0.3518,
0.1712

■ 89.5072, 0.3056,
0.3728

■ 89.6269, 0.3044,
0.3703

■ 89.7483, 0.3031,
0.3677

Harmonies

Analogous

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



34.5270, 0.2614, 0.2306



34.5270, 0.3244, 0.2528



34.5270, 0.3906, 0.2910

Triad

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



34.5270, 0.3244, 0.2528



34.5270, 0.4108, 0.4314



34.5270, 0.2034, 0.2995

Complementary

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



34.5270, 0.3244, 0.2528



51.2718, 0.3029, 0.4195

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.



34.5270, 0.2360, 0.3667



34.5270, 0.3244, 0.2528



34.5270, 0.3550, 0.4502

Square

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



34.5270, 0.3244, 0.2528



34.5270, 0.4419, 0.3887



34.5270, 0.2909, 0.4272



34.5270, 0.1974, 0.2513

Rectangle

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



34.5270, 0.3244, 0.2528



34.5270, 0.4243, 0.3222



34.5270, 0.2909, 0.4272



34.5270, 0.2114, 0.3206

Sweetspot

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



34.5285, 0.3244, 0.2528



84.6119, 0.3157, 0.3071



27.5485, 0.2569, 0.2284



17.6836, 0.3161, 0.3039



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.



34.5285, 0.3244, 0.2528



49.7005, 0.3273, 0.2377



33.1109, 0.3609, 0.2931



11.3811, 0.3155, 0.3087



10.1885, 0.3513, 0.1709



0.5320, 0.3446, 0.1672

Inverse Universe

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



34.5285, 0.3244, 0.2528



49.7005, 0.3273, 0.2377



52.4863, 0.2812, 0.3684



11.3811, 0.3155, 0.3087



10.1885, 0.3513, 0.1709



0.5320, 0.3446, 0.1672

Previews

White Background



This preview shows how the Yxy color 34.5270, 0.3244, 0.2528 looks on a white background.

Color Contrast Check

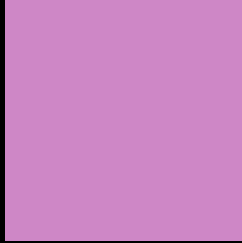
Large Text (above 18pt) WCAG AA × Fail

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 34.5270, 0.3244, 0.2528 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

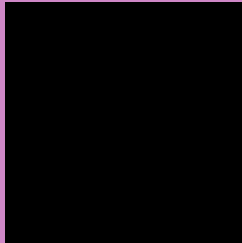
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.5270, 0.3244, 0.2528

Background



This preview shows how black text looks on a background with the Yxy color 34.5270, 0.3244, 0.2528.



This preview shows how white text looks on a background with the Yxy color 34.5270, 0.3244, 0.2528.

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

34.5270, 0.3244, 0.2528

Protanopia

34.8086, 0.2559, 0.2508

Deuteranopia

34.8401, 0.2814, 0.2759



Tritanopia

34.5924, 0.3613, 0.3148

Trichromacy



Original Color

34.5270, 0.3244, 0.2528

Protanomaly

34.1559, 0.2778, 0.2506

Deuteranomaly

34.2339, 0.2965, 0.2662

Tritanomaly

34.5466, 0.3471, 0.2908

Monochromacy



Original Color

34.5270, 0.3244, 0.2528

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

35.5008, 0.3171, 0.2977

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.5270, 0.3244, 0.2528 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, 135, 198)` looks like.

```
.text, #text, p{  
    color:rgb(206, 135, 198)  
}
```

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, 135, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 135, 198) }
```

Border

The CSS property to change the border of an element to Yxy 34.5270, 0.3244, 0.2528 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, 135, 198) }
```

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

```
.border{ border-color:rgb(206, 135, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 135, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 135, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 135, 198);  
box-shadow:4px 4px 4px 4px rgb(206, 135,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 34.5270, 0.3244, 0.2528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 135, 198) }
```

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

```
.background{ background-color: rgb(206,  
135, 198) }
```

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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