

Converting Colors

$Y_{xy}(43.7635, 0.3325, 0.3021)$

Have a look what the booklet for
Yxy(43.7635, 0.3325, 0.3021)
contains.

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Color

Yxy(43.7635, 0.3325, 0.3021)

Conversions

Conversions Part 1

Format	Color
Hex	CFA5BB
RGB	207, 165, 187
RGB Percent	81%, 65%, 73%
CMY	0.1881, 0.3530, 0.2666
CMYK	0.00, 0.20, 0.10, 0.19
HSL	329°, 30%, 73%
HSV	329°, 20%, 81%
XYZ	48.1674, 43.7635, 52.9334
YIQ	180.0660, 17.9700, 15.7460

Conversions

Conversions Part 2

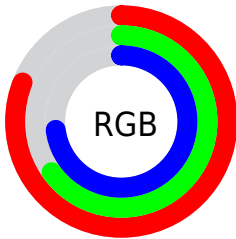
Format	Color
R _Y B	207, 165, 187
Decimal	13608379
CIE Lab	72.07, 19.02, -5.42
CIE LCh	72, 19.778, 344.108
Yxy	43.7635, 0.3325, 0.3021
Android (android.graphics.Color)	4291798459 (0xFFCFA5BB)
YUV	180.0660, 3.4185, 23.6211
Hunter-Lab	66.1540, 14.1981, -1.1334

Details

The Yxy color **43.7635, 0.3325, 0.3021** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **56.1475, 0.2967, 0.3576**, and the grayscale version is **45.6562, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.9175, 0.3223, 0.3064**, and **20.2069, 0.3376, 0.2946** is the 20% darker color. If you saturate the color by 10%, you get **36.4843, 0.3452, 0.2881**, and if you desaturate by 10%, it is **52.2845, 0.3218, 0.3157**.

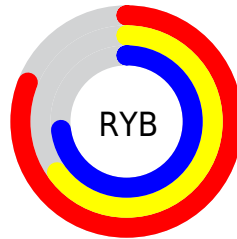
Distribution



Red (81%)

Green (65%)

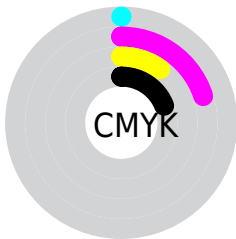
Blue (73%)



Red (81%)

Yellow (65%)

Blue (73%)

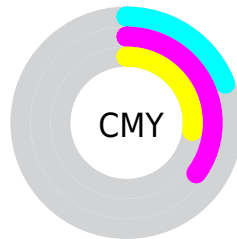


Cyan (0%)

Magenta (20%)

Yellow (10%)

Black (19%)



Cyan (19%)


Magenta (35%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.7635, 0.3325, 0.3021 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 43.7635, 0.3325, 0.3021 by changing the saturation by 10% instead.

 43.7635, 0.3325,
0.3021


 43.7635, 0.3325,
0.3021


361.7423, 0.3226,
0.3154

 30.4846, 0.3350,
0.2988


 80.8618, 0.3289,
0.3069

 20.2067, 0.3381,
0.2946


 105.4499, 0.3276,
0.3087

 12.5454, 0.3423,
0.2891


134.5766, 0.3264,
0.3103

 7.1163, 0.3481,
0.2814

168.6263, 0.3255,
0.3116

 3.5349, 0.3568,
0.2701

207.9833, 0.3246,
0.3127

 1.4170, 0.3710,
0.2519

253.0320, 0.3239,

 0.2292, 0.4431,

0.3137

0.1489

304.1569, 0.3232,
0.3146

0.0000, 0.0000,
0.0000

43.7635, 0.3325,
0.3021

43.7635, 0.3325,
0.3021

36.4843, 0.3452,
0.2881

52.2845, 0.3218,
0.3157

30.3825, 0.3603,
0.2743

62.0963, 0.3130,
0.3286

25.3966, 0.3777,
0.2614

73.2522, 0.3056,
0.3407

21.4569, 0.3976,
0.2503

85.8009, 0.2996,
0.3519

18.4863, 0.4194,
0.2422

90.8655, 0.2942,
0.3486

■ 16.3963, 0.4424,
0.2385

■ 91.4553, 0.2890,
0.3381

■ 15.0825, 0.4655,
0.2399

■ 92.0116, 0.2844,
0.3289

■ 14.3645, 0.4873,
0.2458

Harmonies

Analogous

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



43.7635, 0.3038, 0.2872



43.7635, 0.3325, 0.3021



43.7635, 0.3566, 0.3236

Triad

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



43.7635, 0.3325, 0.3021



43.7635, 0.3464, 0.3787



43.7635, 0.2600, 0.3067

Complementary

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



43.7635, 0.3325, 0.3021



56.1475, 0.2967, 0.3576

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.



43.7635, 0.2703, 0.3323



43.7635, 0.3325, 0.3021



43.7635, 0.3196, 0.3757

Square

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



43.7635, 0.3325, 0.3021



43.7635, 0.3645, 0.3676



43.7635, 0.2919, 0.3583



43.7635, 0.2630, 0.2889

Rectangle

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



43.7635, 0.3325, 0.3021



43.7635, 0.3662, 0.3394



43.7635, 0.2919, 0.3583



43.7635, 0.2620, 0.3147

Sweetspot

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



43.7655, 0.3325, 0.3021



90.1634, 0.3179, 0.3213



41.6783, 0.2955, 0.2759



19.0796, 0.3185, 0.3204



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.



43.7655, 0.3325, 0.3021



65.2382, 0.3373, 0.2966



42.9441, 0.3515, 0.3274



11.9102, 0.3210, 0.3169



9.0653, 0.4844, 0.2442



0.5229, 0.4464, 0.2233

Inverse Universe

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



43.7655, 0.3325, 0.3021



65.2382, 0.3373, 0.2966



57.0832, 0.2835, 0.3307



11.9102, 0.3210, 0.3169



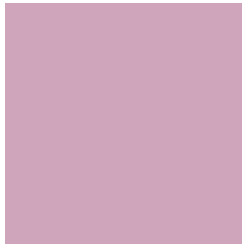
9.0653, 0.4844, 0.2442



0.5229, 0.4464, 0.2233

Previews

White Background



This preview shows how the Yxy color 43.7635, 0.3325, 0.3021 looks on a white background.

Color Contrast Check

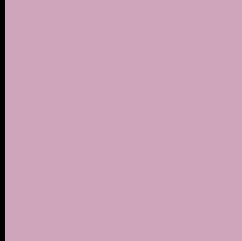
Large Text (above 18pt) WCAG AA × Fail

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 43.7635, 0.3325, 0.3021 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

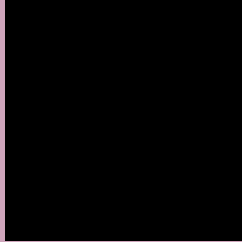
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.7635, 0.3325, 0.3021

Background



This preview shows how black text looks on a background with the Yxy color 43.7635, 0.3325, 0.3021.



This preview shows how white text looks on a background with the Yxy color 43.7635, 0.3325, 0.3021.

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

43.7635, 0.3325, 0.3021

Protanopia

44.0597, 0.2976, 0.3054

Deuteranopia

43.9974, 0.3171, 0.3111



Tritanopia

43.6489, 0.3386, 0.3130

Trichromacy



Original Color

43.7635, 0.3325, 0.3021

Protanomaly

43.8314, 0.3103, 0.3046

Deuteranomaly

43.6569, 0.3228, 0.3076

Tritanomaly

43.7716, 0.3359, 0.3093

Monochromacy



Original Color

43.7635, 0.3325, 0.3021

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.0260, 0.3194, 0.3188

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.7635, 0.3325, 0.3021 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(207, 165, 187)` looks like.

```
.text, #text, p{  
    color:rgb(207, 165, 187)  
}
```

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(207, 165, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 165, 187) }
```

Border

The CSS property to change the border of an element to Yxy 43.7635, 0.3325, 0.3021 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(207, 165, 187) }
```

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

```
.border{ border-color:rgb(207, 165, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 165, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 165, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 165, 187);  
box-shadow:4px 4px 4px 4px rgb(207, 165,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 43.7635, 0.3325, 0.3021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 165, 187) }
```

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

```
.background{ background-color: rgb(207,  
165, 187) }
```

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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