

Converting Colors

$Y_{xy}(43.8700, 0.3424, 0.3212)$

Have a look what the booklet for
Yxy(43.8700, 0.3424, 0.3212)
contains.

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Color

Yxy(43.6726, 0.3421, 0.3204)

Conversions

Conversions Part 1

Format	Color
Hex	CDA7AE
RGB	205, 167, 174
RGB Percent	80%, 65%, 68%
CMY	0.1961, 0.3450, 0.3177
CMYK	0.00, 0.19, 0.15, 0.20
HSL	349°, 28%, 73%
HSV	349°, 19%, 80%
XYZ	46.6305, 43.6726, 46.0034
YIQ	179.1600, 20.4010, 10.2330

Conversions

Conversions Part 2

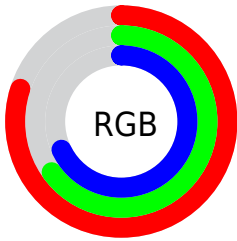
Format	Color
R _Y B	205, 167, 174
Decimal	13477806
CIE Lab	72.01, 15.00, 1.67
CIE LCh	72, 15.091, 6.336
Yxy	43.6726, 0.3421, 0.3204
Android (android.graphics.Color)	4291667886 (0xFFCDA7AE)
YUV	179.1600, -2.5439, 22.6617
Hunter-Lab	66.0852, 10.3023, 4.9866

Details

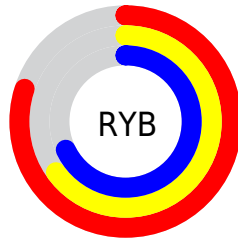
The Yxy color $43.6726, 0.3421, 0.3204$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $55.9509, 0.2896, 0.3378$, and the grayscale version is $45.1745, 0.3127, 0.3290$.

A 20% lighter version of the original color is $79.1597, 0.3316, 0.3221$, and $20.1506, 0.3499, 0.3173$ is the 20% darker color. If you saturate the color by 10%, you get $36.1364, 0.3635, 0.3154$, and if you desaturate by 10%, it is $52.4845, 0.3248, 0.3252$.

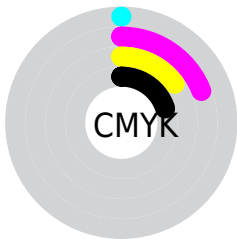
Distribution



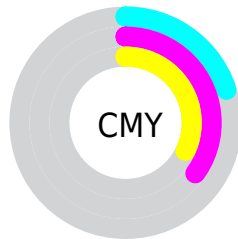
- Red (80%)
- Green (65%)
- Blue (68%)



- Red (80%)
- Yellow (65%)
- Blue (68%)



- Cyan (0%)
- Magenta (19%)
- Yellow (15%)
- Black (20%)




- Cyan (20%)
- Magenta (35%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.6726, 0.3421, 0.3204 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 43.6726, 0.3421, 0.3204 by changing the saturation by 10% instead.


 43.6726, 0.3421,
0.3204


 43.6726, 0.3421,
0.3204


361.3706, 0.3272,
0.3248

 30.4132, 0.3459,
0.3193


 80.7249, 0.3366,
0.3220

 20.1524, 0.3508,
0.3178


 105.2865, 0.3346,
0.3226

 12.5059, 0.3574,
0.3157

134.3844, 0.3329,
0.3232

 7.0892, 0.3668,
0.3128

168.4028, 0.3314,
0.3236

 3.5179, 0.3811,
0.3083

207.7263, 0.3302,
0.3240

 1.4077, 0.4055,
0.3002

252.7391, 0.3290,

 0.2224, 0.6239,

0.3243

0.2403

303.8258, 0.3281,
0.3246

0.0000, 0.0000,
0.0000

43.6726, 0.3421,
0.3204

43.6726, 0.3421,
0.3204

36.1364, 0.3635,
0.3154

52.4845, 0.3248,
0.3252

29.8111, 0.3896,
0.3105

62.6214, 0.3108,
0.3296

24.6351, 0.4212,
0.3061

74.1370, 0.2995,
0.3337

20.5390, 0.4580,
0.3027

87.0804, 0.2904,
0.3375

17.4458, 0.4989,
0.3012

91.7171, 0.2832,
0.3289

■ 15.2683, 0.5408,
0.3025

■ 13.9042, 0.5792,
0.3071

■ 13.1963, 0.6093,
0.3142

■ 13.1143, 0.6131,
0.3151

Harmonies

Analogous

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



43.6726, 0.3224, 0.3046



43.6726, 0.3421, 0.3204



43.6726, 0.3539, 0.3387

Triad

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



43.6726, 0.3421, 0.3204



43.6726, 0.3238, 0.3660



43.6726, 0.2728, 0.3012

Complementary

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



43.6726, 0.3421, 0.3204



55.9509, 0.2896, 0.3378

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.



43.6726, 0.2732, 0.3170



43.6726, 0.3421, 0.3204



43.6726, 0.3022, 0.3554

Square

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



43.6726, 0.3421, 0.3204



43.6726, 0.3430, 0.3657



43.6726, 0.2838, 0.3370



43.6726, 0.2826, 0.2935

Rectangle

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



43.6726, 0.3421, 0.3204



43.6726, 0.3554, 0.3503



43.6726, 0.2838, 0.3370



43.6726, 0.2718, 0.3057

Sweetspot

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



43.6746, 0.3421, 0.3204



89.8449, 0.3211, 0.3263



43.9727, 0.3082, 0.2825



19.0044, 0.3221, 0.3260



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.



43.6746, 0.3421, 0.3204



66.6735, 0.3496, 0.3186



47.7699, 0.3460, 0.3433



11.2467, 0.3262, 0.3248



8.1757, 0.6101, 0.3135



0.4322, 0.5575, 0.2845

Inverse Universe

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



43.6746, 0.3421, 0.3204



66.6735, 0.3496, 0.3186



51.0271, 0.2843, 0.3143



11.2467, 0.3262, 0.3248



8.1757, 0.6101, 0.3135



0.4322, 0.5575, 0.2845

Previews

White Background



This preview shows how the Yxy color 43.6726, 0.3421, 0.3204 looks on a white background.

Color Contrast Check

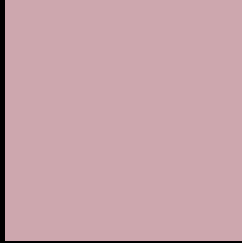
Large Text (above 18pt) WCAG AA × Fail

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 43.6726, 0.3421, 0.3204 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 43.6726, 0.3421, 0.3204

Background



This preview shows how black text looks on a background with the Yxy color 43.6726, 0.3421, 0.3204.



This preview shows how white text looks on a background with the Yxy color 43.6726, 0.3421, 0.3204.

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

43.6726, 0.3421, 0.3204

Protanopia

43.8890, 0.3129, 0.3250

Deuteranopia

43.7451, 0.3330, 0.3265



Tritanopia

43.6489, 0.3386, 0.3130

Trichromacy



Original Color

43.6726, 0.3421, 0.3204

Protanomaly

43.7528, 0.3228, 0.3238

Deuteranomaly

43.9087, 0.3368, 0.3253

Tritanomaly

43.5686, 0.3405, 0.3154

Monochromacy



Original Color

43.6726, 0.3421, 0.3204

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.5256, 0.3226, 0.3264

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.6726, 0.3421, 0.3204 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(205, 167, 174)` looks like.

```
.text, #text, p{  
    color:rgb(205, 167, 174)  
}
```

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(205, 167, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 167, 174) }
```

Border

The CSS property to change the border of an element to Yxy 43.6726, 0.3421, 0.3204 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(205, 167, 174) }
```

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

```
.border{ border-color:rgb(205, 167, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 167, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 167, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 167, 174);  
box-shadow:4px 4px 4px 4px rgb(205, 167,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 43.6726, 0.3421, 0.3204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 167, 174) }
```

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

```
.background{ background-color: rgb(205,  
167, 174) }
```

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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