

Converting Colors

$Yxy(43.6092, 0.3424, 0.3162)$

Have a look what the booklet for
Yxy(43.6092, 0.3424, 0.3162)
contains.

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Color

Yxy(43.6724, 0.3423, 0.3167)

Conversions

Conversions Part 1

Format	Color
Hex	CFA6B0
RGB	207, 166, 176
RGB Percent	81%, 65%, 69%
CMY	0.1883, 0.3490, 0.3097
CMYK	0.00, 0.20, 0.15, 0.19
HSL	345°, 30%, 73%
HSV	345°, 20%, 81%
XYZ	47.2026, 43.6724, 47.0233
YIQ	179.3990, 21.2260, 11.8020

Conversions

Conversions Part 2

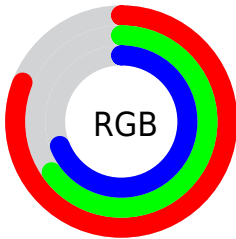
Format	Color
RYB	207, 166, 176
Decimal	13608624
CIELab	72.01, 16.61, 0.56
CIELCh	72, 16.616, 1.946
Yxy	43.6724, 0.3423, 0.3167
Android (android.graphics.Color)	4291798704 (0xFFCFA6B0)
YUV	179.3990, -1.6757, 24.2061
Hunter-Lab	66.0851, 11.8483, 4.0713

Details

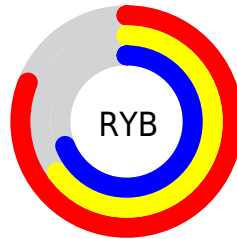
The Yxy color $43.6724, 0.3423, 0.3167$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $56.7566, 0.2897, 0.3417$, and the grayscale version is $45.3047, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.7991, 0.3297, 0.3181$, and $20.1653, 0.3502, 0.3124$ is the 20% darker color. If you saturate the color by 10%, you get $36.1603, 0.3625, 0.3101$, and if you desaturate by 10%, it is $52.4709, 0.3258, 0.3231$.

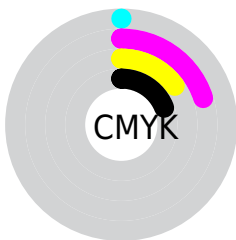
Distribution



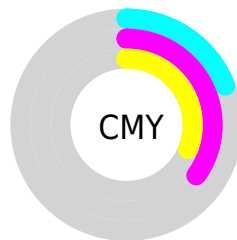
- Red (81%)
- Green (65%)
- Blue (69%)



- Red (81%)
- Yellow (65%)
- Blue (69%)



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




- Cyan (19%)
- Magenta (35%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.6724, 0.3423, 0.3167 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 43.6724, 0.3423, 0.3167 by changing the saturation by 10% instead.


 43.6724, 0.3423,
0.3167


 43.6724, 0.3423,
0.3167


361.3698, 0.3273,
0.3230

 30.4130, 0.3461,
0.3151


 80.7246, 0.3368,
0.3190

 20.1523, 0.3510,
0.3130


 105.2862, 0.3348,
0.3199

 12.5058, 0.3576,
0.3103


134.3839, 0.3330,
0.3206

 7.0891, 0.3670,
0.3063

168.4023, 0.3316,
0.3212

 3.5179, 0.3812,
0.3002

207.7257, 0.3303,
0.3217

 1.4077, 0.4055,
0.2898

252.7385, 0.3292,

 0.2224, 0.5920,

0.3222

0.2135

303.8250, 0.3282,
0.3226

0.0000, 0.0000,
0.0000

43.6724, 0.3423,
0.3167

43.6724, 0.3423,
0.3167

36.1603, 0.3625,
0.3101

52.4709, 0.3258,
0.3231

29.8685, 0.3872,
0.3035

62.6060, 0.3125,
0.3291

24.7338, 0.4167,
0.2976

74.1328, 0.3016,
0.3347

20.6849, 0.4511,
0.2930

87.1012, 0.2928,
0.3398

17.6429, 0.4892,
0.2908

91.9541, 0.2847,
0.3297

■ 15.5178, 0.5285,
0.2921

■ 92.0032, 0.2844,
0.3289

■ 14.2033, 0.5654,
0.2974

■ 13.5102, 0.5960,
0.3058

■ 13.4982, 0.5966,
0.3060

Harmonies

Analogous

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



43.6724, 0.3197, 0.3002



43.6724, 0.3423, 0.3167



43.6724, 0.3570, 0.3366

Triad

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



43.6724, 0.3423, 0.3167



43.6724, 0.3283, 0.3706



43.6724, 0.2682, 0.3004

Complementary

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



43.6724, 0.3423, 0.3167



56.7566, 0.2897, 0.3417

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.



43.6724, 0.2704, 0.3187



43.6724, 0.3423, 0.3167



43.6724, 0.3045, 0.3605

Square

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



43.6724, 0.3423, 0.3167



43.6724, 0.3485, 0.3683



43.6724, 0.2834, 0.3411



43.6724, 0.2774, 0.2906

Rectangle

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



43.6724, 0.3423, 0.3167



43.6724, 0.3599, 0.3496



43.6724, 0.2834, 0.3411



43.6724, 0.2677, 0.3057

Sweetspot

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



43.6744, 0.3423, 0.3167



89.9011, 0.3205, 0.3254



43.6156, 0.3060, 0.2789



19.0177, 0.3214, 0.3250



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.



43.6744, 0.3423, 0.3167



64.3454, 0.3509, 0.3137



47.1669, 0.3492, 0.3418



11.8549, 0.3253, 0.3233



8.5186, 0.5932, 0.3041



0.4891, 0.5399, 0.2748

Inverse Universe

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



43.6744, 0.3423, 0.3167



64.3454, 0.3509, 0.3137



52.4273, 0.2825, 0.3158



11.8549, 0.3253, 0.3233



8.5186, 0.5932, 0.3041



0.4891, 0.5399, 0.2748

Previews

White Background



This preview shows how the Yxy color 43.6724, 0.3423, 0.3167 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 43.6724, 0.3423, 0.3167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

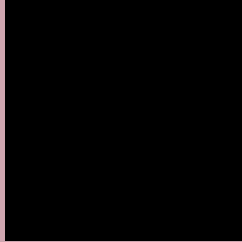
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.6724, 0.3423, 0.3167

Background



This preview shows how black text looks on a background with the Yxy color 43.6724, 0.3423, 0.3167.



This preview shows how white text looks on a background with the Yxy color 43.6724, 0.3423, 0.3167.

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

43.6724, 0.3423, 0.3167

Protanopia

43.8930, 0.3096, 0.3210

Deuteranopia

43.6903, 0.3303, 0.3239



Tritanopia

43.7522, 0.3405, 0.3143

Trichromacy



Original Color

43.6724, 0.3423, 0.3167

Protanomaly

43.6192, 0.3213, 0.3187

Deuteranomaly

43.6132, 0.3352, 0.3215

Tritanomaly

43.7122, 0.3414, 0.3155

Monochromacy



Original Color

43.6724, 0.3423, 0.3167

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.3053, 0.3228, 0.3239

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.6724, 0.3423, 0.3167 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, 166, 176)` looks like.

```
.text, #text, p{  
    color:rgb(207, 166, 176)  
}
```

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, 166, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 166, 176) }
```

Border

The CSS property to change the border of an element to Yxy 43.6724, 0.3423, 0.3167 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, 166, 176) }
```

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

```
.border{ border-color:rgb(207, 166, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 166, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 166, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 166, 176);  
box-shadow:4px 4px 4px 4px rgb(207, 166,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 43.6724, 0.3423, 0.3167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 166, 176) }
```

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

```
.background{ background-color: rgb(207,  
166, 176) }
```

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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