

Converting Colors

$Yxy(43.7477, 0.3341, 0.3054)$

Have a look what the booklet for
Yxy(43.7477, 0.3341, 0.3054)
contains.

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Color

Yxy(43.6784, 0.3343, 0.3045)

Conversions

Conversions Part 1

Format	Color
Hex	CFA5B9
RGB	207, 165, 185
RGB Percent	81%, 65%, 73%
CMY	0.1881, 0.3530, 0.2744
CMYK	0.00, 0.20, 0.11, 0.19
HSL	331°, 30%, 73%
HSV	331°, 20%, 81%
XYZ	47.9530, 43.6784, 51.8116
YIQ	179.8380, 18.6120, 15.1240

Conversions

Conversions Part 2

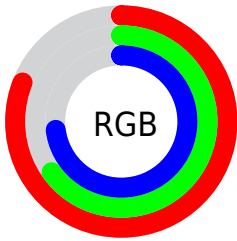
Format	Color
R _Y B	207, 165, 185
Decimal	13608377
CIE Lab	72.01, 18.68, -4.40
CIE LCh	72, 19.186, 346.757
Yxy	43.6784, 0.3343, 0.3045
Android (android.graphics.Color)	4291798457 (0xFFCFA5B9)
YUV	179.8380, 2.5449, 23.8211
Hunter-Lab	66.0896, 13.8583, -0.2182

Details

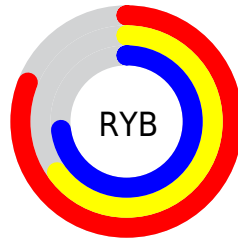
The Yxy color **43.6784, 0.3343, 0.3045** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **56.2296, 0.2954, 0.3549**, and the grayscale version is **45.5318, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.7973, 0.3236, 0.3083**, and **20.1516, 0.3401, 0.2978** is the 20% darker color. If you saturate the color by 10%, you get **36.3665, 0.3483, 0.2918**, and if you desaturate by 10%, it is **52.2381, 0.3226, 0.3169**.

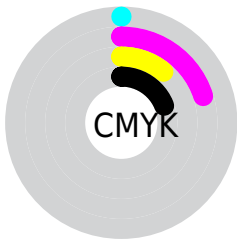
Distribution



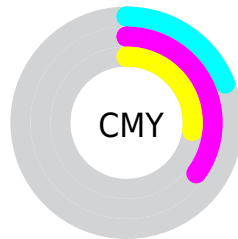
- Red (81%)
- Green (65%)
- Blue (73%)



- Red (81%)
- Yellow (65%)
- Blue (73%)



- Cyan (0%)
- Magenta (20%)
- Yellow (11%)
- Black (19%)





- Cyan (19%)
- Magenta (35%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.6784, 0.3343, 0.3045 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 43.6784, 0.3343, 0.3045 by changing the saturation by 10% instead.


 43.6784, 0.3343,
0.3045


 43.6784, 0.3343,
0.3045

361.3943, 0.3235,
0.3167

 30.4178, 0.3370,
0.3015


 80.7336, 0.3304,
0.3089

 20.1559, 0.3405,
0.2976


 105.2969, 0.3289,
0.3106

 12.5084, 0.3451,
0.2925


134.3966, 0.3277,
0.3120

 7.0909, 0.3516,
0.2854

168.4171, 0.3266,
0.3132

 3.5190, 0.3613,
0.2750

207.7427, 0.3257,
0.3142

 1.4083, 0.3774,
0.2579

252.7578, 0.3249,

 0.2229, 0.4635,

0.3151

0.1547

303.8469, 0.3241,
0.3159

0.0000, 0.0000,
0.0000

43.6784, 0.3343,
0.3045

43.6784, 0.3343,
0.3045

36.3665, 0.3483,
0.2918

52.2381, 0.3226,
0.3169

30.2376, 0.3650,
0.2791

62.0945, 0.3130,
0.3286

25.2300, 0.3844,
0.2673

73.3013, 0.3050,
0.3396

21.2741, 0.4067,
0.2573

85.9073, 0.2985,
0.3498

18.2921, 0.4313,
0.2503

91.0360, 0.2927,
0.3455

■ 16.1957, 0.4573,
0.2476

■ 91.6970, 0.2869,
0.3340

■ 14.8801, 0.4834,
0.2501

■ 92.0107, 0.2844,
0.3289

■ 14.1643, 0.5076,
0.2570

Harmonies

Analogous

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



43.6784, 0.3065, 0.2893



43.6784, 0.3343, 0.3045



43.6784, 0.3569, 0.3258

Triad

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



43.6784, 0.3343, 0.3045



43.6784, 0.3434, 0.3775



43.6784, 0.2612, 0.3055

Complementary

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



43.6784, 0.3343, 0.3045



56.2296, 0.2954, 0.3549

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.



43.6784, 0.2702, 0.3299



43.6784, 0.3343, 0.3045



43.6784, 0.3170, 0.3733

Square

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



43.6784, 0.3343, 0.3045



43.6784, 0.3620, 0.3679



43.6784, 0.2903, 0.3554



43.6784, 0.2653, 0.2890

Rectangle

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



43.6784, 0.3343, 0.3045



43.6784, 0.3654, 0.3412



43.6784, 0.2903, 0.3554



43.6784, 0.2628, 0.3130

Sweetspot

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



43.6804, 0.3343, 0.3045



90.1183, 0.3183, 0.3220



41.9416, 0.2973, 0.2762



19.0689, 0.3190, 0.3212



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.



43.6804, 0.3343, 0.3045



65.0797, 0.3396, 0.2995



43.1465, 0.3527, 0.3300



11.9007, 0.3217, 0.3180



8.9395, 0.5044, 0.2552



0.5158, 0.4620, 0.2319

Inverse Universe

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



43.6804, 0.3343, 0.3045



65.0797, 0.3396, 0.2995



56.8093, 0.2826, 0.3280



11.9007, 0.3217, 0.3180



8.9395, 0.5044, 0.2552



0.5158, 0.4620, 0.2319

Previews

White Background



This preview shows how the Yxy color 43.6784, 0.3343, 0.3045 looks on a white background.

Color Contrast Check

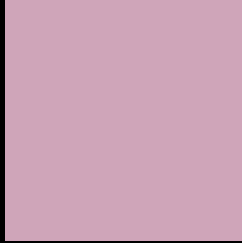
Large Text (above 18pt) WCAG AA × Fail

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 43.6784, 0.3343, 0.3045 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

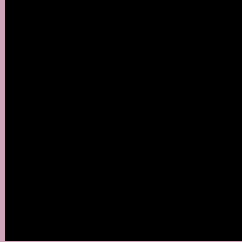
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.6784, 0.3343, 0.3045

Background



This preview shows how black text looks on a background with the Yxy color 43.6784, 0.3343, 0.3045.



This preview shows how white text looks on a background with the Yxy color 43.6784, 0.3343, 0.3045.

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

43.6784, 0.3343, 0.3045

Protanopia

44.0424, 0.3008, 0.3093

Deuteranopia

43.6629, 0.3198, 0.3124



Tritanopia

43.6489, 0.3386, 0.3130

Trichromacy



Original Color

43.6784, 0.3343, 0.3045

Protanomaly

43.7440, 0.3120, 0.3071

Deuteranomaly

43.7069, 0.3254, 0.3101

Tritanomaly

43.7304, 0.3368, 0.3105

Monochromacy



Original Color

43.6784, 0.3343, 0.3045

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

44.9845, 0.3202, 0.3200

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.6784, 0.3343, 0.3045 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, 185)` looks like.

```
.text, #text, p{  
    color:rgb(207, 165, 185)  
}
```

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, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 165, 185) }
```

Border

The CSS property to change the border of an element to Yxy 43.6784, 0.3343, 0.3045 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, 185) }
```

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

```
.border{ border-color:rgb(207, 165, 185) }
```

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, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 165, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 165, 185);  
box-shadow:4px 4px 4px 4px rgb(207, 165,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 43.6784, 0.3343, 0.3045 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, 185) }
```

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

```
.background{ background-color: rgb(207,  
165, 185) }
```

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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