

Converting Colors

$Yxy(43.6307, 0.3375, 0.3132)$

Have a look what the booklet for
Yxy(43.6307, 0.3375, 0.3132)
contains.

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Color

Yxy(43.5062, 0.3377, 0.3129)

Conversions

Conversions Part 1

Format	Color
Hex	CDA6B3
RGB	205, 166, 179
RGB Percent	80%, 65%, 70%
CMY	0.1960, 0.3490, 0.2980
CMYK	0.00, 0.19, 0.13, 0.20
HSL	340°, 28%, 73%
HSV	340°, 19%, 80%
XYZ	46.9544, 43.5062, 48.5812
YIQ	179.1430, 19.0710, 12.3110

Conversions

Conversions Part 2

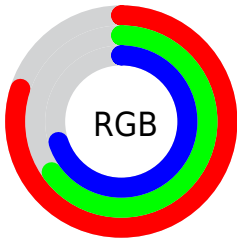
Format	Color
R _Y B	205, 166, 179
Decimal	13477555
CIE Lab	71.90, 16.39, -1.28
CIE LCh	72, 16.443, 355.536
Yxy	43.5062, 0.3377, 0.3129
Android (android.graphics.Color)	4291667635 (0xFFCDA6B3)
YUV	179.1430, -0.0705, 22.6766
Hunter-Lab	65.9592, 11.6403, 2.5023

Details

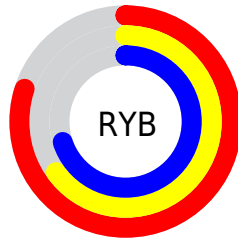
The Yxy color **43.5062, 0.3377, 0.3129** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **55.5823, 0.2928, 0.3457**, and the grayscale version is **45.1544, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.9711, 0.3276, 0.3152**, and **20.0250, 0.3450, 0.3090** is the 20% darker color. If you saturate the color by 10%, you get **36.1137, 0.3552, 0.3039**, and if you desaturate by 10%, it is **52.1455, 0.3234, 0.3216**.

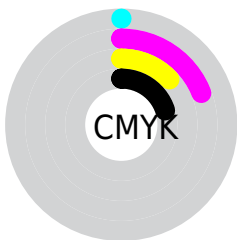
Distribution



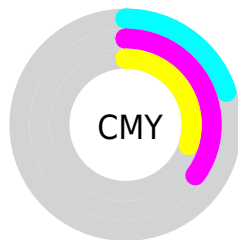
- Red (80%)
- Green (65%)
- Blue (70%)



- Red (80%)
- Yellow (65%)
- Blue (70%)



- Cyan (0%)
- Magenta (19%)
- Yellow (13%)
- Black (20%)




- Cyan (20%)
- Magenta (35%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.5062, 0.3377, 0.3129 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 43.5062, 0.3377, 0.3129 by changing the saturation by 10% instead.


 43.5062, 0.3377,
0.3129


 43.5062, 0.3377,
0.3129

360.6894, 0.3251,
0.3210

 30.2825, 0.3409,
0.3109


 80.4742, 0.3331,
0.3159

 20.0531, 0.3450,
0.3082


 104.9872, 0.3314,
0.3170

 12.4337, 0.3505,
0.3047


134.0322, 0.3299,
0.3179

 7.0397, 0.3584,
0.2998

167.9935, 0.3287,
0.3187

 3.4870, 0.3702,
0.2924

207.2554, 0.3276,
0.3194

 1.3909, 0.3903,
0.2799

252.2025, 0.3267,

 0.2100, 0.5317,

0.3200

0.1862

303.2190, 0.3258,
0.3205

0.0000, 0.0000,
0.0000

43.5062, 0.3377,
0.3129

43.5062, 0.3377,
0.3129

36.1137, 0.3552,
0.3039

52.1455, 0.3234,
0.3216

29.9043, 0.3763,
0.2949

62.0796, 0.3117,
0.3298

24.8177, 0.4015,
0.2865

73.3614, 0.3021,
0.3373

20.7856, 0.4307,
0.2797

86.0387, 0.2943,
0.3443

17.7325, 0.4635,
0.2754

91.2361, 0.2872,
0.3369

■ 15.5726, 0.4981,
0.2750

■ 91.7214, 0.2833,
0.3289

■ 14.2049, 0.5321,
0.2794

■ 13.4636, 0.5628,
0.2881

■ 13.4041, 0.5657,
0.2890

Harmonies

Analogous

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



43.5062, 0.3145, 0.2978



43.5062, 0.3377, 0.3129



43.5062, 0.3544, 0.3323

Triad

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



43.5062, 0.3377, 0.3129



43.5062, 0.3330, 0.3707



43.5062, 0.2681, 0.3039

Complementary

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



43.5062, 0.3377, 0.3129



55.5823, 0.2928, 0.3457

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.



43.5062, 0.2727, 0.3234



43.5062, 0.3377, 0.3129



43.5062, 0.3096, 0.3633

Square

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



43.5062, 0.3377, 0.3129



43.5062, 0.3514, 0.3660



43.5062, 0.2876, 0.3456



43.5062, 0.2749, 0.2922

Rectangle

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



43.5062, 0.3377, 0.3129



43.5062, 0.3592, 0.3454



43.5062, 0.2876, 0.3456



43.5062, 0.2684, 0.3098

Sweetspot

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



43.5082, 0.3377, 0.3129



89.9845, 0.3197, 0.3241



42.8028, 0.3029, 0.2804



19.0373, 0.3205, 0.3235



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.



43.5082, 0.3377, 0.3129



65.8520, 0.3447, 0.3091



45.1823, 0.3484, 0.3364



11.2744, 0.3238, 0.3213



8.3590, 0.5619, 0.2869



0.4453, 0.5063, 0.2563

Inverse Universe

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



43.5082, 0.3377, 0.3129



65.8520, 0.3447, 0.3091



53.4371, 0.2840, 0.3214



11.2744, 0.3238, 0.3213



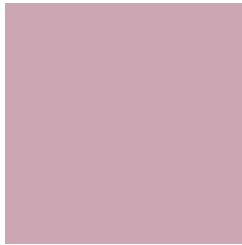
8.3590, 0.5619, 0.2869



0.4453, 0.5063, 0.2563

Previews

White Background



This preview shows how the Yxy color 43.5062, 0.3377, 0.3129 looks on a white background.

Color Contrast Check

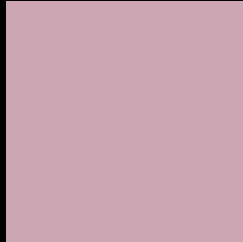
Large Text (above 18pt) WCAG AA × Fail

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 43.5062, 0.3377, 0.3129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

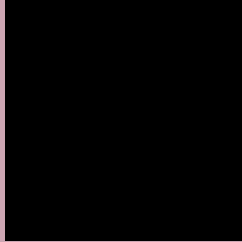
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.5062, 0.3377, 0.3129

Background



This preview shows how black text looks on a background with the Yxy color 43.5062, 0.3377, 0.3129.



This preview shows how white text looks on a background with the Yxy color 43.5062, 0.3377, 0.3129.

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

43.5062, 0.3377, 0.3129

Protanopia

43.5098, 0.3064, 0.3157

Deuteranopia

43.6776, 0.3267, 0.3201



Tritanopia

43.5062, 0.3377, 0.3129

Trichromacy



Original Color

43.5062, 0.3377, 0.3129

Protanomaly

43.4887, 0.3170, 0.3148

Deuteranomaly

43.4606, 0.3307, 0.3176

Tritanomaly

43.5062, 0.3377, 0.3129

Monochromacy



Original Color

43.5062, 0.3377, 0.3129

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.2181, 0.3210, 0.3225

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.5062, 0.3377, 0.3129 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, 166, 179)` looks like.

```
.text, #text, p{  
    color:rgb(205, 166, 179)  
}
```

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, 166, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 166, 179) }
```

Border

The CSS property to change the border of an element to Yxy 43.5062, 0.3377, 0.3129 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, 166, 179) }
```

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

```
.border{ border-color:rgb(205, 166, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 166, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 166, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 166, 179);  
box-shadow:4px 4px 4px 4px rgb(205, 166,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 43.5062, 0.3377, 0.3129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 166, 179) }
```

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

```
.background{ background-color: rgb(205,  
166, 179) }
```

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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