

Converting Colors

$Yxy(43.9156, 0.3252, 0.2972)$

Have a look what the booklet for
Yxy(43.9156, 0.3252, 0.2972)
contains.

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Color

Yxy(43.9156, 0.3252, 0.2972)

Conversions

Conversions Part 1

Format	Color
Hex	CCA6C0
RGB	204, 166, 192
RGB Percent	80%, 65%, 75%
CMY	0.1999, 0.3490, 0.2472
CMYK	0.00, 0.19, 0.06, 0.20
HSL	319°, 27%, 73%
HSV	319°, 19%, 80%
XYZ	48.0530, 43.9156, 55.7959
YIQ	180.3260, 14.3020, 16.1420

Conversions

Conversions Part 2

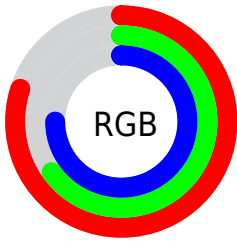
Format	Color
R_{YB}	204, 166, 192
Decimal	13412032
CIE Lab	72.17, 18.27, -8.02
CIE LCh	72, 19.952, 336.283
Yxy	43.9156, 0.3252, 0.2972
Android (android.graphics.Color)	4291602112 (0xFFCCA6C0)
YUV	180.3260, 5.7553, 20.7621
Hunter-Lab	66.2688, 13.4638, -3.5317

Details

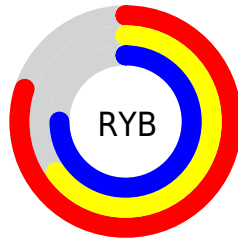
The Yxy color **43.9156, 0.3252, 0.2972** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **54.5171, 0.3021, 0.3631**, and the grayscale version is **45.7899, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.7502, 0.3189, 0.3026**, and **20.2883, 0.3273, 0.2878** is the 20% darker color. If you saturate the color by 10%, you get **36.7988, 0.3336, 0.2794**, and if you desaturate by 10%, it is **52.2254, 0.3180, 0.3146**.

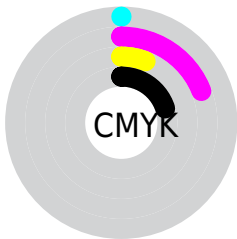
Distribution



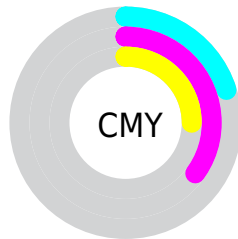
- Red (80%)
- Green (65%)
- Blue (75%)



- Red (80%)
- Yellow (65%)
- Blue (75%)



- Cyan (0%)
- Magenta (19%)
- Yellow (6%)
- Black (20%)





- Cyan (20%)
- Magenta (35%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.9156, 0.3252, 0.2972 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 43.9156, 0.3252, 0.2972 by changing the saturation by 10% instead.


 43.9156, 0.3252,
0.2972

 43.9156, 0.3252,
0.2972


362.3638, 0.3191,
0.3129

 30.6042, 0.3267,
0.2934


 81.0907, 0.3230,
0.3028

 20.2976, 0.3286,
0.2885


 105.7232, 0.3222,
0.3050

 12.6116, 0.3311,
0.2821


134.8982, 0.3215,
0.3068

 7.1616, 0.3344,
0.2732

169.0000, 0.3209,
0.3083

 3.5634, 0.3393,
0.2603

208.4130, 0.3203,
0.3097

 1.4325, 0.3471,
0.2398

253.5218, 0.3199,

 0.2405, 0.3881,

0.3109

0.1384

304.7105, 0.3195,
0.3119

0.0000, 0.0000,
0.0000

43.9156, 0.3252,
0.2972

43.9156, 0.3252,
0.2972

36.7988, 0.3336,
0.2794

52.2254, 0.3180,
0.3146

30.8138, 0.3433,
0.2618

61.7742, 0.3119,
0.3312

25.9025, 0.3542,
0.2451

72.6129, 0.3068,
0.3469

21.9993, 0.3664,
0.2303

84.7874, 0.3026,
0.3614

19.0317, 0.3794,
0.2185

89.7575, 0.2990,
0.3618

■ 16.9169, 0.3930,
0.2107

■ 90.1155, 0.2955,
0.3547

■ 15.5579, 0.4067,
0.2077

■ 90.4871, 0.2920,
0.3477

■ 14.8013, 0.4200,
0.2094

■ 90.8723, 0.2886,
0.3408

■ 14.7147, 0.4218,
0.2097

■ 91.2713, 0.2852,
0.3340

Harmonies

Analogous

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



43.9156, 0.2965, 0.2846



43.9156, 0.3252, 0.2972



43.9156, 0.3515, 0.3175

Triad

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



43.9156, 0.3252, 0.2972



43.9156, 0.3525, 0.3774



43.9156, 0.2611, 0.3127

Complementary

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



43.9156, 0.3252, 0.2972



54.5171, 0.3021, 0.3631

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.



43.9156, 0.2747, 0.3395



43.9156, 0.3252, 0.2972



43.9156, 0.3271, 0.3783

Square

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



43.9156, 0.3252, 0.2972



43.9156, 0.3675, 0.3632



43.9156, 0.2987, 0.3643



43.9156, 0.2605, 0.2922

Rectangle

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



43.9156, 0.3252, 0.2972



43.9156, 0.3636, 0.3332



43.9156, 0.2987, 0.3643



43.9156, 0.2643, 0.3213

Sweetspot

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



43.9175, 0.3252, 0.2972



90.3154, 0.3164, 0.3189



41.1035, 0.2922, 0.2800



19.1155, 0.3168, 0.3178



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.



43.9175, 0.3252, 0.2972



68.1884, 0.3281, 0.2907



43.1291, 0.3423, 0.3204



11.3409, 0.3185, 0.3133



9.2775, 0.4200, 0.2088



0.4920, 0.3961, 0.1956

Inverse Universe

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



43.9175, 0.3252, 0.2972



68.1884, 0.3281, 0.2907



55.3342, 0.2895, 0.3379



11.3409, 0.3185, 0.3133



9.2775, 0.4200, 0.2088



0.4920, 0.3961, 0.1956

Previews

White Background



This preview shows how the Yxy color 43.9156, 0.3252, 0.2972 looks on a white background.

Color Contrast Check

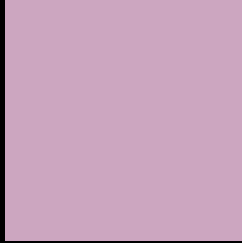
Large Text (above 18pt) WCAG AA × Fail

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 43.9156, 0.3252, 0.2972 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

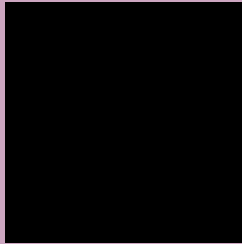
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.9156, 0.3252, 0.2972

Background



This preview shows how black text looks on a background with the Yxy color 43.9156, 0.3252, 0.2972.



This preview shows how white text looks on a background with the Yxy color 43.9156, 0.3252, 0.2972.

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

43.9156, 0.3252, 0.2972

Protanopia

44.1266, 0.2938, 0.3002

Deuteranopia

43.9580, 0.3112, 0.3047



Tritanopia

44.0380, 0.3337, 0.3129

Trichromacy



Original Color

43.9156, 0.3252, 0.2972

Protanomaly

43.8049, 0.3046, 0.2983

Deuteranomaly

43.9804, 0.3166, 0.3026

Tritanomaly

43.8367, 0.3303, 0.3067

Monochromacy



Original Color

43.9156, 0.3252, 0.2972

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

44.9395, 0.3177, 0.3175

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.9156, 0.3252, 0.2972 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(204, 166, 192)` looks like.

```
.text, #text, p{  
    color:rgb(204, 166, 192)  
}
```

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(204, 166, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 166, 192) }
```

Border

The CSS property to change the border of an element to Yxy 43.9156, 0.3252, 0.2972 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(204, 166, 192) }
```

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

```
.border{ border-color:rgb(204, 166, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 166, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 166, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 166, 192);  
box-shadow:4px 4px 4px 4px rgb(204, 166,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 43.9156, 0.3252, 0.2972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 166, 192) }
```

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

```
.background{ background-color: rgb(204,  
166, 192) }
```

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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