

Converting Colors

$Yxy(43.9014, 0.3421, 0.2853)$

Have a look what the booklet for
Yxy(43.9014, 0.3421, 0.2853)
contains.

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Color

Yxy(43.9014, 0.3421, 0.2853)

Conversions

Conversions Part 1

Format	Color
Hex	E09DC3
RGB	224, 157, 195
RGB Percent	88%, 62%, 76%
CMY	0.1217, 0.3842, 0.2353
CMYK	0.00, 0.30, 0.13, 0.12
HSL	326°, 52%, 75%
HSV	326°, 30%, 88%
XYZ	52.6417, 43.9014, 57.3350
YIQ	181.3650, 27.7340, 26.0220

Conversions

Conversions Part 2

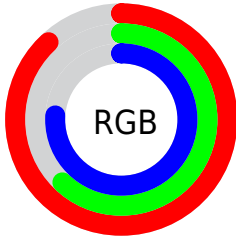
Format	Color
R_{YB}	224, 157, 195
Decimal	14720451
CIE _{Lab}	72.16, 30.60, -9.50
CIE _{LCh}	72, 32.044, 342.755
Yxy	43.9014, 0.3421, 0.2853
Android (android.graphics.Color)	4292910531 (0xFFE09DC3)
YUV	181.3650, 6.7221, 37.3909
Hunter-Lab	66.2581, 25.8654, -4.9245

Details

The Yxy color **43.9014, 0.3421, 0.2853** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **64.0096, 0.2913, 0.3774**, and the grayscale version is **46.3689, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.3752, 0.3167, 0.2899**, and **20.3511, 0.3509, 0.2746** is the 20% darker color. If you saturate the color by 10%, you get **36.5815, 0.3557, 0.2703**, and if you desaturate by 10%, it is **52.6428, 0.3305, 0.3004**.

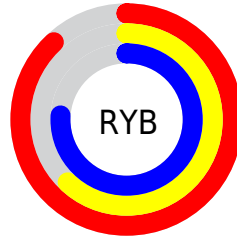
Distribution



Red (88%)

Green (62%)

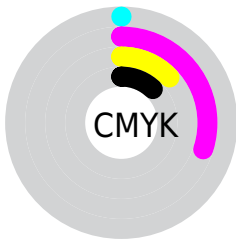
Blue (76%)



Red (88%)

Yellow (62%)

Blue (76%)

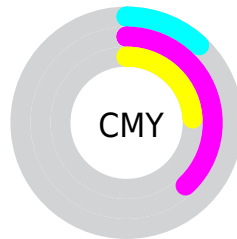


Cyan (0%)

Magenta (30%)

Yellow (13%)

Black (12%)



Cyan (12%)


Magenta (38%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.9014, 0.3421, 0.2853 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 43.9014, 0.3421, 0.2853 by changing the saturation by 10% instead.


 43.9014, 0.3421,
0.2853

 43.9014, 0.3421,
0.2853

362.3058, 0.3276,
0.3066

 30.5930, 0.3456,
0.2802


 81.0694, 0.3369,
0.2929

 20.2891, 0.3501,
0.2737


 105.6977, 0.3349,
0.2958

 12.6054, 0.3561,
0.2652


134.8681, 0.3333,
0.2983

 7.1574, 0.3642,
0.2536

168.9651, 0.3318,
0.3004

 3.5607, 0.3760,
0.2371

208.3729, 0.3306,
0.3022

 1.4310, 0.3947,
0.2116

253.4761, 0.3295,


 0.2394, 0.4575,


0.3039


0.1116


304.6589, 0.3285,
0.3053

 0.0000, 0.0000,
0.0000

 43.9014, 0.3421,
0.2853


 43.9014, 0.3421,
0.2853


 36.5815, 0.3557,
0.2703


 52.6428, 0.3305,
0.3004


 30.6007, 0.3714,
0.2563


 62.8705, 0.3208,
0.3151


 25.8771, 0.3892,
0.2441

 74.6525, 0.3126,
0.3291

 22.3174, 0.4086,
0.2351

 88.0506, 0.3059,
0.3423

 19.8151, 0.4290,
0.2303

 93.8608, 0.3003,
0.3407

■ 18.2439, 0.4495,
0.2308

■ 94.4631, 0.2950,
0.3308

■ 17.3852, 0.4695,
0.2361

■ 94.5826, 0.2940,
0.3289

■ 17.3773, 0.4697,
0.2361

Harmonies

Analogous

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



43.9014, 0.2956, 0.2632



43.9014, 0.3421, 0.2853



43.9014, 0.3826, 0.3176

Triad

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



43.9014, 0.3421, 0.2853



43.9014, 0.3675, 0.4091



43.9014, 0.2300, 0.2932

Complementary

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



43.9014, 0.3421, 0.2853



64.0096, 0.2913, 0.3774

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.



43.9014, 0.2463, 0.3353



43.9014, 0.3421, 0.2853



43.9014, 0.3246, 0.4075

Square

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



43.9014, 0.3421, 0.2853



43.9014, 0.3970, 0.3879



43.9014, 0.2803, 0.3794



43.9014, 0.2338, 0.2653

Rectangle

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



43.9014, 0.3421, 0.2853



43.9014, 0.3992, 0.3419



43.9014, 0.2803, 0.3794



43.9014, 0.2333, 0.3060

Sweetspot

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



43.9034, 0.3421, 0.2853



85.5984, 0.3200, 0.3163



39.8042, 0.2824, 0.2471



17.8582, 0.3213, 0.3142



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.



43.9034, 0.3421, 0.2853



52.4468, 0.3505, 0.2757



42.5927, 0.3739, 0.3226



13.8302, 0.3204, 0.3158



10.1414, 0.4669, 0.2345



0.7208, 0.4382, 0.2188

Inverse Universe

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



43.9034, 0.3421, 0.2853



52.4468, 0.3505, 0.2757



65.5478, 0.2728, 0.3357



13.8302, 0.3204, 0.3158



10.1414, 0.4669, 0.2345



0.7208, 0.4382, 0.2188

Previews

White Background



This preview shows how the Yxy color 43.9014, 0.3421, 0.2853 looks on a white background.

Color Contrast Check

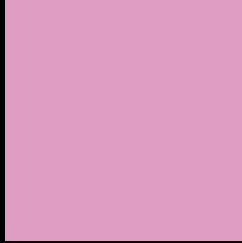
Large Text (above 18pt) WCAG AA × Fail

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 43.9014, 0.3421, 0.2853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

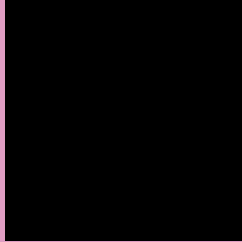
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.9014, 0.3421, 0.2853

Background



This preview shows how black text looks on a background with the Yxy color 43.9014, 0.3421, 0.2853.



This preview shows how white text looks on a background with the Yxy color 43.9014, 0.3421, 0.2853.

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

43.9014, 0.3421, 0.2853

Protanopia

44.2136, 0.2847, 0.2889

Deuteranopia

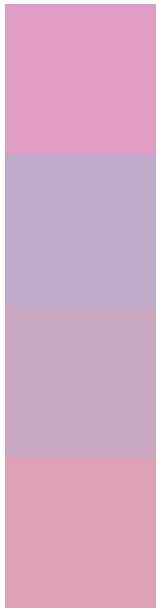
44.0022, 0.3104, 0.3035



Tritanopia

43.8790, 0.3596, 0.3149

Trichromacy



Original Color

43.9014, 0.3421, 0.2853

Protanomaly

43.6349, 0.3033, 0.2865

Deuteranomaly

43.9052, 0.3215, 0.2969

Tritanomaly

44.0074, 0.3530, 0.3044

Monochromacy



Original Color

43.9014, 0.3421, 0.2853

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

44.9205, 0.3234, 0.3115

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.9014, 0.3421, 0.2853 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(224, 157, 195)` looks like.

```
.text, #text, p{  
    color:rgb(224, 157, 195)  
}
```

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(224, 157, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 157, 195) }
```

Border

The CSS property to change the border of an element to Yxy 43.9014, 0.3421, 0.2853 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(224, 157, 195) }
```

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

```
.border{ border-color:rgb(224, 157, 195) }
```

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

Here you see how a box with a 4 pixel rgb(224, 157, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 157, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 157, 195);  
box-shadow:4px 4px 4px 4px rgb(224, 157,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 43.9014, 0.3421, 0.2853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 157, 195) }
```

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

```
.background{ background-color: rgb(224,  
157, 195) }
```

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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