

Converting Colors

$Y_{xy}(43.7950, 0.3313, 0.2701)$

Have a look what the booklet for
Yxy(43.7950, 0.3313, 0.2701)
contains.

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Color

Yxy(43.7950, 0.3313, 0.2701)

Conversions

Conversions Part 1

Format	Color
Hex	E09BCF
RGB	224, 155, 207
RGB Percent	88%, 61%, 81%
CMY	0.1216, 0.3921, 0.1884
CMYK	0.00, 0.31, 0.08, 0.12
HSL	315°, 53%, 74%
HSV	315°, 31%, 88%
XYZ	53.7182, 43.7950, 64.6305
YIQ	181.5590, 24.4320, 30.8000

Conversions

Conversions Part 2

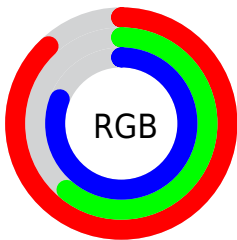
Format	Color
R_YB	224, 155, 207
Decimal	14719951
CIE Lab	72.09, 33.69, -16.20
CIE LCh	72, 37.383, 334.318
Yxy	43.7950, 0.3313, 0.2701
Android (android.graphics.Color)	4292910031 (0xFFE09BCF)
YUV	181.5590, 12.5424, 37.2208
Hunter-Lab	66.1778, 29.0818, -11.5793

Details

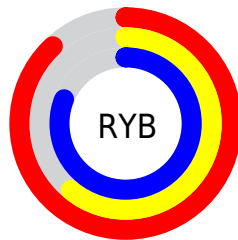
The Yxy color **43.7950, 0.3313, 0.2701** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **63.2561, 0.2983, 0.3963**, and the grayscale version is **46.4483, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.5732, 0.3148, 0.2851**, and **20.3252, 0.3355, 0.2549** is the 20% darker color. If you saturate the color by 10%, you get **36.7537, 0.3392, 0.2510**, and if you desaturate by 10%, it is **52.2326, 0.3243, 0.2896**.

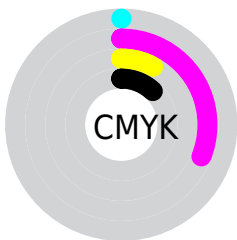
Distribution



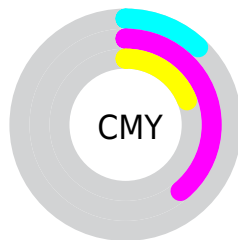
- Red (88%)
- Green (61%)
- Blue (81%)



- Red (88%)
- Yellow (61%)
- Blue (81%)



- Cyan (0%)
- Magenta (31%)
- Yellow (8%)
- Black (12%)





- Cyan (12%)
- Magenta (39%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.7950, 0.3313, 0.2701 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 43.7950, 0.3313, 0.2701 by changing the saturation by 10% instead.


 43.7950, 0.3313,
0.2701

 43.7950, 0.3313,
0.2701


361.8711, 0.3226,
0.2984

 30.5094, 0.3333,
0.2634


 80.9092, 0.3283,
0.2801

 20.2255, 0.3358,
0.2550


 105.5065, 0.3271,
0.2839

 12.5591, 0.3389,
0.2442


134.6432, 0.3261,
0.2872

 7.1257, 0.3430,
0.2297

168.7037, 0.3252,
0.2900

 3.5408, 0.3486,
0.2095

208.0723, 0.3244,
0.2925

 1.4202, 0.3562,
0.1794

253.1335, 0.3237,

 0.2315, 0.3866,

0.2947

0.0845

304.2716, 0.3231,
0.2966

0.0000, 0.0000,
0.0000

43.7950, 0.3313,
0.2701

43.7950, 0.3313,
0.2701

36.7537, 0.3392,
0.2510

52.2326, 0.3243,
0.2896

31.0260, 0.3480,
0.2332

62.1312, 0.3183,
0.3090

26.5297, 0.3574,
0.2178


73.5589, 0.3131,
0.3276

23.1711, 0.3674,
0.2057


86.5775, 0.3087,
0.3452


20.8426, 0.3775,
0.1978

93.3412, 0.3052,
0.3499

 19.4161, 0.3874,
0.1948

 93.6651, 0.3022,
0.3441

 18.6991, 0.3963,
0.1957

 93.9990, 0.2991,
0.3384

 94.3430, 0.2961,
0.3328

 94.5857, 0.2940,
0.3289

Harmonies

Analogous

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



43.7950, 0.2784, 0.2491



43.7950, 0.3313, 0.2701



43.7950, 0.3828, 0.3041

Triad

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



43.7950, 0.3313, 0.2701



43.7950, 0.3877, 0.4171



43.7950, 0.2203, 0.2990

Complementary

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



43.7950, 0.3313, 0.2701



63.2561, 0.2983, 0.3963

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.



43.7950, 0.2448, 0.3512



43.7950, 0.3313, 0.2701



43.7950, 0.3406, 0.4253

Square

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



43.7950, 0.3313, 0.2701



43.7950, 0.4159, 0.3860



43.7950, 0.2882, 0.4007



43.7950, 0.2183, 0.2618

Rectangle

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



43.7950, 0.3313, 0.2701



43.7950, 0.4072, 0.3311



43.7950, 0.2882, 0.4007



43.7950, 0.2260, 0.3153

Sweetspot

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



43.7970, 0.3313, 0.2701



85.8619, 0.3173, 0.3122



37.4996, 0.2709, 0.2419



17.9232, 0.3181, 0.3095



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.



43.7970, 0.3313, 0.2701



52.4374, 0.3363, 0.2576



42.3267, 0.3636, 0.3075



13.8748, 0.3175, 0.3115



10.9045, 0.3948, 0.1949



0.7698, 0.3810, 0.1873

Inverse Universe

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



43.7970, 0.3313, 0.2701



52.4374, 0.3363, 0.2576



64.7126, 0.2788, 0.3519



13.8748, 0.3175, 0.3115



10.9045, 0.3948, 0.1949



0.7698, 0.3810, 0.1873

Previews

White Background



This preview shows how the Yxy color 43.7950, 0.3313, 0.2701 looks on a white background.

Color Contrast Check

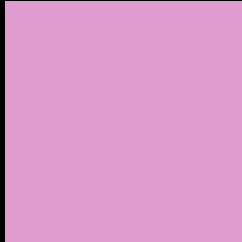
Large Text (above 18pt) WCAG AA × Fail

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 43.7950, 0.3313, 0.2701 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

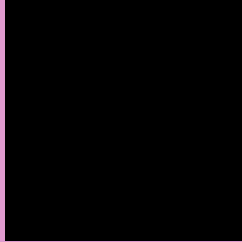
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.7950, 0.3313, 0.2701

Background



This preview shows how black text looks on a background with the Yxy color 43.7950, 0.3313, 0.2701.



This preview shows how white text looks on a background with the Yxy color 43.7950, 0.3313, 0.2701.

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

43.7950, 0.3313, 0.2701

Protanopia

43.9874, 0.2711, 0.2704

Deuteranopia

44.1919, 0.2958, 0.2896



Tritanopia

43.7614, 0.3576, 0.3137

Trichromacy



Original Color

43.7950, 0.3313, 0.2701



Protanomaly

43.5279, 0.2907, 0.2698



Deuteranomaly

43.5505, 0.3079, 0.2812



Tritanomaly

43.7136, 0.3475, 0.2974

Monochromacy



Original Color

43.7950, 0.3313, 0.2701



Achromatopsia

46.7784, 0.3127, 0.3290



Achromatomaly

45.1370, 0.3192, 0.3053

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.7950, 0.3313, 0.2701 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, 155, 207)` looks like.

```
.text, #text, p{  
    color:rgb(224, 155, 207)  
}
```

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, 155, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 155, 207) }
```

Border

The CSS property to change the border of an element to Yxy 43.7950, 0.3313, 0.2701 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, 155, 207) }
```

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

```
.border{ border-color:rgb(224, 155, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 155, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 155, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 155, 207);  
box-shadow:4px 4px 4px 4px rgb(224, 155,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 43.7950, 0.3313, 0.2701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 155, 207) }
```

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

```
.background{ background-color: rgb(224,  
155, 207) }
```

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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