

Converting Colors

Yxy(43.0682, 0.3199, 0.2817)

Have a look what the booklet for
Yxy(43.0682, 0.3199, 0.2817)
contains.

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Color

Yxy(43.1795, 0.3195, 0.2820)

Conversions

Conversions Part 1

Format	Color
Hex	CEA2C9
RGB	206, 162, 201
RGB Percent	81%, 64%, 79%
CMY	0.1921, 0.3647, 0.2117
CMYK	0.00, 0.21, 0.02, 0.19
HSL	307°, 31%, 72%
HSV	307°, 21%, 81%
XYZ	48.9215, 43.1795, 61.0178
YIQ	179.6020, 13.7050, 21.4570

Conversions

Conversions Part 2

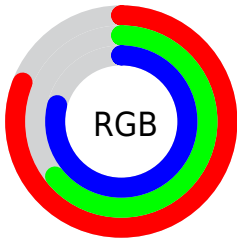
Format	Color
R _Y B	206, 162, 201
Decimal	13542089
CIE Lab	71.68, 22.79, -13.72
CIE LCh	72, 26.601, 328.941
Yxy	43.1795, 0.3195, 0.2820
Android (android.graphics.Color)	4291732169 (0xFFCEA2C9)
YUV	179.6020, 10.5492, 23.1510
Hunter-Lab	65.7111, 17.8975, -9.0576

Details

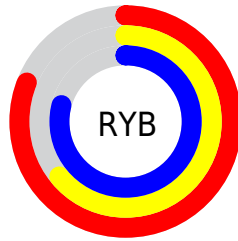
The Yxy color $43.1795, 0.3195, 0.2820$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $54.6248, 0.3066, 0.3810$, and the grayscale version is $45.3564, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.1057, 0.3145, 0.2920$, and $19.8378, 0.3206, 0.2694$ is the 20% darker color. If you saturate the color by 10%, you get $36.3986, 0.3233, 0.2597$, and if you desaturate by 10%, it is $51.1549, 0.3161, 0.3043$.

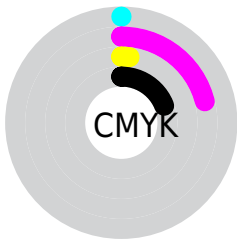
Distribution



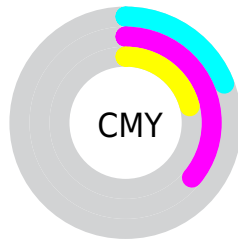
- Red (81%)
- Green (64%)
- Blue (79%)



- Red (81%)
- Yellow (64%)
- Blue (79%)



- Cyan (0%)
- Magenta (21%)
- Yellow (2%)
- Black (19%)





- Cyan (19%)
- Magenta (36%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.1795, 0.3195, 0.2820 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 43.1795, 0.3195, 0.2820 by changing the saturation by 10% instead.


 43.1795, 0.3195,
0.2820


 43.1795, 0.3195,
0.2820


359.3494, 0.3165,
0.3049

 30.0260, 0.3202,
0.2765


 79.9817, 0.3185,
0.2902

 19.8583, 0.3210,
0.2695


 104.3991, 0.3181,
0.2933

 12.2921, 0.3219,
0.2603

133.3399, 0.3177,
0.2960

 6.9429, 0.3231,
0.2479

167.1886, 0.3174,
0.2982

 3.4264, 0.3244,
0.2302

206.3295, 0.3171,
0.3002

 1.3582, 0.3257,
0.2028

251.1470, 0.3169,

 0.1856, 0.3500,

0.3020

0.0887

302.0255, 0.3166,
0.3035

0.0000, 0.0000,
0.0000

43.1795, 0.3195,
0.2820

43.1795, 0.3195,
0.2820

36.3986, 0.3233,
0.2597

51.1549, 0.3161,
0.3043

30.7487, 0.3273,
0.2381

60.3730, 0.3131,
0.3261

26.1691, 0.3317,
0.2182

70.8864, 0.3105,
0.3468

22.5908, 0.3361,
0.2010

82.7429, 0.3082,
0.3663

19.9372, 0.3405,
0.1874

89.4361, 0.3065,
0.3745

■ 18.1204, 0.3448,
0.1779

■ 89.5559, 0.3052,
0.3719

■ 17.0355, 0.3489,
0.1728

■ 89.6776, 0.3039,
0.3693

■ 16.5253, 0.3521,
0.1714

■ 89.8009, 0.3026,
0.3667

■ 89.9260, 0.3013,
0.3641

Harmonies

Analogous

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



43.1795, 0.2822, 0.2685



43.1795, 0.3195, 0.2820



43.1795, 0.3570, 0.3063

Triad

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



43.1795, 0.3195, 0.2820



43.1795, 0.3722, 0.3901



43.1795, 0.2472, 0.3148

Complementary

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



43.1795, 0.3195, 0.2820



54.6248, 0.3066, 0.3810

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.



43.1795, 0.2687, 0.3519



43.1795, 0.3195, 0.2820



43.1795, 0.3405, 0.3975

Square

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



43.1795, 0.3195, 0.2820



43.1795, 0.3882, 0.3670



43.1795, 0.3025, 0.3836



43.1795, 0.2424, 0.2849

Rectangle

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



43.1795, 0.3195, 0.2820



43.1795, 0.3761, 0.3262



43.1795, 0.3025, 0.3836



43.1795, 0.2527, 0.3269

Sweetspot

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



43.1814, 0.3195, 0.2820



90.5119, 0.3145, 0.3160



38.4464, 0.2807, 0.2707



19.1621, 0.3147, 0.3145



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.



43.1814, 0.3195, 0.2820



64.2693, 0.3213, 0.2709



42.2433, 0.3388, 0.3072



11.3809, 0.3155, 0.3087



10.1824, 0.3516, 0.1711



0.5317, 0.3448, 0.1673

Inverse Universe

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



43.1814, 0.3195, 0.2820



64.2693, 0.3213, 0.2709



55.4830, 0.2924, 0.3519



11.3809, 0.3155, 0.3087



10.1824, 0.3516, 0.1711



0.5317, 0.3448, 0.1673

Previews

White Background



This preview shows how the Yxy color 43.1795, 0.3195, 0.2820 looks on a white background.

Color Contrast Check

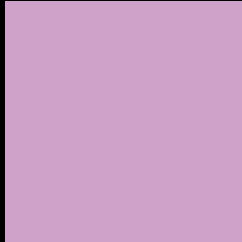
Large Text (above 18pt) WCAG AA × Fail

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 43.1795, 0.3195, 0.2820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

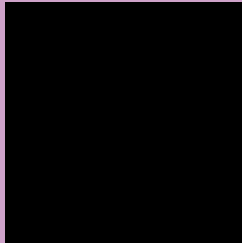
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.1795, 0.3195, 0.2820

Background



This preview shows how black text looks on a background with the Yxy color 43.1795, 0.3195, 0.2820.



This preview shows how white text looks on a background with the Yxy color 43.1795, 0.3195, 0.2820.

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

43.1795, 0.3195, 0.2820

Protanopia

43.3106, 0.2816, 0.2836

Deuteranopia

43.1944, 0.2996, 0.2930



Tritanopia

43.2236, 0.3358, 0.3128

Trichromacy



Original Color

43.1795, 0.3195, 0.2820

Protanomaly

43.1508, 0.2942, 0.2833

Deuteranomaly

43.2518, 0.3066, 0.2889

Tritanomaly

43.3355, 0.3297, 0.3019

Monochromacy



Original Color

43.1795, 0.3195, 0.2820

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

44.3368, 0.3145, 0.3098

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.1795, 0.3195, 0.2820 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(206, 162, 201)` looks like.

```
.text, #text, p{  
    color:rgb(206, 162, 201)  
}
```

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(206, 162, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 162, 201) }
```

Border

The CSS property to change the border of an element to Yxy 43.1795, 0.3195, 0.2820 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(206, 162, 201) }
```

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

```
.border{ border-color:rgb(206, 162, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 162, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 162, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 162, 201);  
box-shadow:4px 4px 4px 4px rgb(206, 162,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 43.1795, 0.3195, 0.2820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 162, 201) }
```

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

```
.background{ background-color: rgb(206,  
162, 201) }
```

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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