

Converting Colors

Yxy(43.6457, 0.3205, 0.2842)

Have a look what the booklet for
Yxy(43.6457, 0.3205, 0.2842)
contains.

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Color

Yxy(43.6299, 0.3212, 0.2845)

Conversions

Conversions Part 1

Format	Color
Hex	CFA3C8
RGB	207, 163, 200
RGB Percent	81%, 64%, 78%
CMY	0.1882, 0.3608, 0.2157
CMYK	0.00, 0.21, 0.03, 0.19
HSL	310°, 31%, 73%
HSV	310°, 21%, 81%
XYZ	49.2581, 43.6299, 60.4684
YIQ	180.3740, 14.3470, 20.8350

Conversions

Conversions Part 2

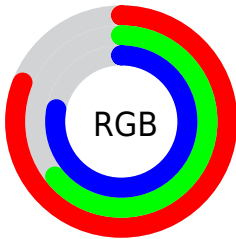
Format	Color
R _Y B	207, 163, 200
Decimal	13607880
CIE Lab	71.98, 22.39, -12.70
CIE LCh	72, 25.747, 330.436
Yxy	43.6299, 0.3212, 0.2845
Android (android.graphics.Color)	4291797960 (0xFFCFA3C8)
YUV	180.3740, 9.6756, 23.3510
Hunter-Lab	66.0529, 17.5213, -8.0402

Details

The Yxy color $43.6299, 0.3212, 0.2845$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $55.3236, 0.3053, 0.3780$, and the grayscale version is $45.7961, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.6228, 0.3144, 0.2930$, and $20.1196, 0.3229, 0.2728$ is the 20% darker color. If you saturate the color by 10%, you get $36.7197, 0.3260, 0.2631$, and if you desaturate by 10%, it is $51.7505, 0.3169, 0.3058$.

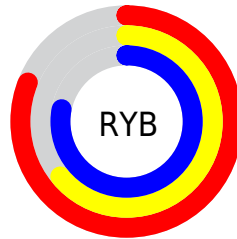
Distribution



Red (81%)

Green (64%)

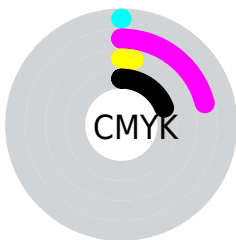
Blue (78%)



Red (81%)

Yellow (64%)

Blue (78%)

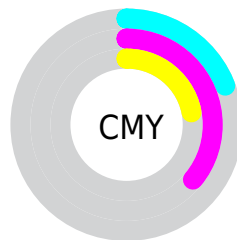


Cyan (0%)

Magenta (21%)

Yellow (3%)

Black (19%)



Cyan (19%)


Magenta (36%)


Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.6299, 0.3212, 0.2845 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 43.6299, 0.3212, 0.2845 by changing the saturation by 10% instead.

 43.6299, 0.3212,
0.2845

 43.6299, 0.3212,
0.2845


361.1959, 0.3173,
0.3062

 30.3797, 0.3221,
0.2793


 80.6605, 0.3198,
0.2923

 20.1269, 0.3232,
0.2726


 105.2097, 0.3193,
0.2952

 12.4873, 0.3246,
0.2640


134.2940, 0.3189,
0.2977

 7.0765, 0.3263,
0.2522

168.2978, 0.3185,
0.2999

 3.5100, 0.3286,
0.2353

207.6055, 0.3181,
0.3018

 1.4034, 0.3315,
0.2092

252.6015, 0.3178,

 0.2192, 0.3578,

0.3034

0.1039

303.6701, 0.3175,
0.3049

0.0000, 0.0000,
0.0000

43.6299, 0.3212,
0.2845

43.6299, 0.3212,
0.2845

36.7197, 0.3260,
0.2631

51.7505, 0.3169,
0.3058

30.9558, 0.3314,
0.2424

61.1304, 0.3132,
0.3265

26.2766, 0.3371,
0.2232

71.8226, 0.3099,
0.3461

22.6126, 0.3432,
0.2066

83.8754, 0.3071,
0.3645

19.8861, 0.3494,
0.1934

89.7719, 0.3050,
0.3702

■ 18.0085, 0.3555,
0.1844

■ 89.9448, 0.3032,
0.3666

■ 16.8737, 0.3613,
0.1800

■ 90.1212, 0.3014,
0.3630

■ 16.3246, 0.3662,
0.1791

■ 90.3011, 0.2996,
0.3594

■ 90.4845, 0.2978,
0.3558

Harmonies

Analogous

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



43.6299, 0.2849, 0.2708



43.6299, 0.3212, 0.2845



43.6299, 0.3570, 0.3084

Triad

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



43.6299, 0.3212, 0.2845



43.6299, 0.3689, 0.3888



43.6299, 0.2488, 0.3137

Complementary

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



43.6299, 0.3212, 0.2845



55.3236, 0.3053, 0.3780

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.



43.6299, 0.2689, 0.3493



43.6299, 0.3212, 0.2845



43.6299, 0.3378, 0.3948

Square

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



43.6299, 0.3212, 0.2845



43.6299, 0.3852, 0.3672



43.6299, 0.3011, 0.3803



43.6299, 0.2449, 0.2854

Rectangle

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



43.6299, 0.3212, 0.2845



43.6299, 0.3750, 0.3279



43.6299, 0.3011, 0.3803



43.6299, 0.2538, 0.3253

Sweetspot

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



43.6318, 0.3212, 0.2845



90.4676, 0.3149, 0.3166



39.2012, 0.2827, 0.2713



19.1516, 0.3151, 0.3153



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.



43.6318, 0.3212, 0.2845



64.0841, 0.3236, 0.2737



42.6923, 0.3407, 0.3100



11.9753, 0.3162, 0.3097



10.2949, 0.3655, 0.1787



0.5845, 0.3560, 0.1735

Inverse Universe

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



43.6318, 0.3212, 0.2845



64.0841, 0.3236, 0.2737



56.2093, 0.2910, 0.3489



11.9753, 0.3162, 0.3097



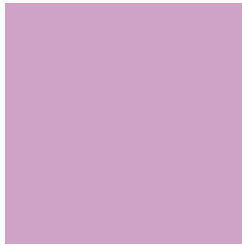
10.2949, 0.3655, 0.1787



0.5845, 0.3560, 0.1735

Previews

White Background



This preview shows how the Yxy color 43.6299, 0.3212, 0.2845 looks on a white background.

Color Contrast Check

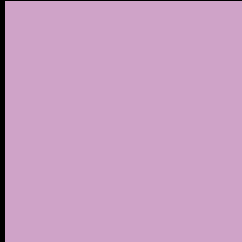
Large Text (above 18pt) WCAG AA × Fail

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 43.6299, 0.3212, 0.2845 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 43.6299, 0.3212, 0.2845

Background



This preview shows how black text looks on a background with the Yxy color 43.6299, 0.3212, 0.2845.



This preview shows how white text looks on a background with the Yxy color 43.6299, 0.3212, 0.2845.

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

43.6299, 0.3212, 0.2845

Protanopia

43.7601, 0.2832, 0.2862

Deuteranopia

43.7726, 0.3021, 0.2958



Tritanopia

43.7701, 0.3357, 0.3129

Trichromacy



Original Color

43.6299, 0.3212, 0.2845

Protanomaly

43.6009, 0.2958, 0.2859

Deuteranomaly

43.7059, 0.3083, 0.2914

Tritanomaly

43.8394, 0.3305, 0.3032

Monochromacy



Original Color

43.6299, 0.3212, 0.2845

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

44.8071, 0.3161, 0.3124

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.6299, 0.3212, 0.2845 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(207, 163, 200)` looks like.

```
.text, #text, p{  
    color:rgb(207, 163, 200)  
}
```

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(207, 163, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 163, 200) }
```

Border

The CSS property to change the border of an element to Yxy 43.6299, 0.3212, 0.2845 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(207, 163, 200) }
```

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

```
.border{ border-color:rgb(207, 163, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 163, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 163, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 163, 200);  
box-shadow:4px 4px 4px 4px rgb(207, 163,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 43.6299, 0.3212, 0.2845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 163, 200) }
```

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

```
.background{ background-color: rgb(207,  
163, 200) }
```

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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