

Converting Colors

$Y_{xy}(44.3275, 0.3239, 0.2905)$

Have a look what the booklet for
Yxy(44.3275, 0.3239, 0.2905)
contains.

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Color

Yxy(44.2069, 0.3236, 0.2904)

Conversions

Conversions Part 1

Format	Color
Hex	CFA5C5
RGB	207, 165, 197
RGB Percent	81%, 65%, 77%
CMY	0.1883, 0.3529, 0.2274
CMYK	0.00, 0.20, 0.05, 0.19
HSL	314°, 30%, 73%
HSV	314°, 20%, 81%
XYZ	49.2609, 44.2069, 58.7599
YIQ	181.2060, 14.7600, 18.8560

Conversions

Conversions Part 2

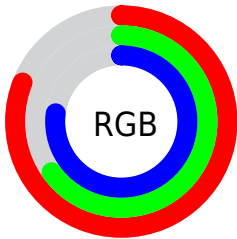
Format	Color
R _{YB}	207, 165, 197
Decimal	13608389
CIE _{Lab}	72.37, 20.74, -10.47
CIE _{LCh}	72, 23.233, 333.202
Yxy	44.2069, 0.3236, 0.2904
Android (android.graphics.Color)	4291798469 (0xFFCFA5C5)
YUV	181.2060, 7.7864, 22.6213
Hunter-Lab	66.4883, 15.8954, -5.8565

Details

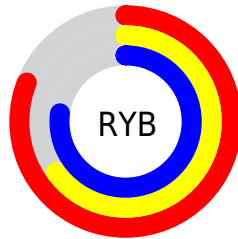
The Yxy color **44.2069, 0.3236, 0.2904** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **55.7114, 0.3034, 0.3710**, and the grayscale version is **46.2771, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.6022, 0.3150, 0.2959**, and **20.4688, 0.3264, 0.2805** is the 20% darker color. If you saturate the color by 10%, you get **37.1140, 0.3303, 0.2708**, and if you desaturate by 10%, it is **52.5194, 0.3178, 0.3098**.

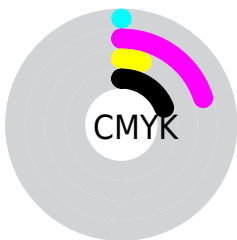
Distribution



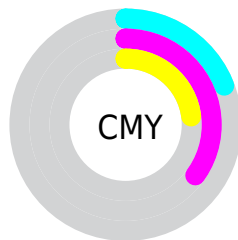
- Red (81%)
- Green (65%)
- Blue (77%)



- Red (81%)
- Yellow (65%)
- Blue (77%)



- Cyan (0%)
- Magenta (20%)
- Yellow (5%)
- Black (19%)





- Cyan (19%)
- Magenta (35%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.2069, 0.3236, 0.2904 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 44.2069, 0.3236, 0.2904 by changing the saturation by 10% instead.


 44.2069, 0.3236,
0.2904


 44.2069, 0.3236,
0.2904

363.5519, 0.3184,
0.3093

 30.8332, 0.3248,
0.2858


 81.5290, 0.3218,
0.2972

 20.4719, 0.3264,
0.2800


 106.2462, 0.3210,
0.2997

 12.7385, 0.3284,
0.2724


135.5133, 0.3204,
0.3019

 7.2487, 0.3310,
0.2620

169.7147, 0.3199,
0.3038

 3.6181, 0.3348,
0.2471

209.2349, 0.3195,
0.3054

 1.4623, 0.3402,
0.2237

254.4583, 0.3191,

 0.2620, 0.3710,

0.3069

0.1287

305.7691, 0.3187,
0.3081

0.0000, 0.0000,
0.0000

44.2069, 0.3236,
0.2904

44.2069, 0.3236,
0.2904

37.1140, 0.3303,
0.2708

52.5194, 0.3178,
0.3098

31.1767, 0.3378,
0.2515

62.0998, 0.3128,
0.3285

26.3342, 0.3461,
0.2335

73.0010, 0.3086,
0.3462

22.5174, 0.3551,
0.2177

85.2711, 0.3051,
0.3627

19.6499, 0.3646,
0.2052

90.0354, 0.3022,
0.3646

■ 17.6438, 0.3742,
0.1969

■ 90.3026, 0.2995,
0.3592

■ 16.3956, 0.3837,
0.1933

■ 90.5775, 0.2968,
0.3539

■ 15.7230, 0.3926,
0.1936

■ 90.8603, 0.2942,
0.3486

■ 91.1509, 0.2915,
0.3433

Harmonies

Analogous

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



44.2069, 0.2906, 0.2770



44.2069, 0.3236, 0.2904



44.2069, 0.3551, 0.3129

Triad

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



44.2069, 0.3236, 0.2904



44.2069, 0.3613, 0.3840



44.2069, 0.2540, 0.3128

Complementary

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



44.2069, 0.3236, 0.2904



55.7114, 0.3034, 0.3710

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.



44.2069, 0.2711, 0.3443



44.2069, 0.3236, 0.2904



44.2069, 0.3325, 0.3874

Square

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



44.2069, 0.3236, 0.2904



44.2069, 0.3773, 0.3659



44.2069, 0.2995, 0.3727



44.2069, 0.2519, 0.2881

Rectangle

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



44.2069, 0.3236, 0.2904



44.2069, 0.3702, 0.3307



44.2069, 0.2995, 0.3727



44.2069, 0.2582, 0.3229

Sweetspot

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



44.2088, 0.3236, 0.2904



90.3916, 0.3156, 0.3178



40.5106, 0.2872, 0.2747



19.1336, 0.3160, 0.3165



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.



44.2088, 0.3236, 0.2904



66.0726, 0.3262, 0.2825



43.3203, 0.3423, 0.3152



11.9590, 0.3174, 0.3115



9.9238, 0.3914, 0.1930



0.5668, 0.3758, 0.1844

Inverse Universe

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



44.2088, 0.3236, 0.2904



66.0726, 0.3262, 0.2825



56.5924, 0.2897, 0.3433



11.9590, 0.3174, 0.3115



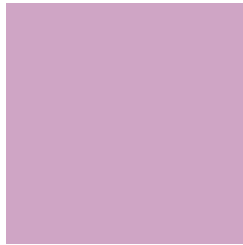
9.9238, 0.3914, 0.1930



0.5668, 0.3758, 0.1844

Previews

White Background



This preview shows how the Yxy color 44.2069, 0.3236, 0.2904 looks on a white background.

Color Contrast Check

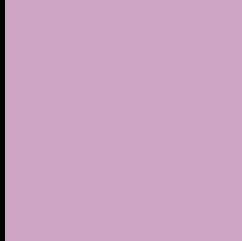
Large Text (above 18pt) WCAG AA × Fail

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 44.2069, 0.3236, 0.2904 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

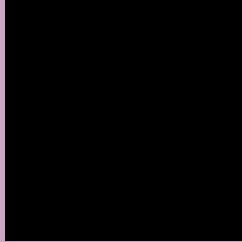
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.2069, 0.3236, 0.2904

Background



This preview shows how black text looks on a background with the Yxy color 44.2069, 0.3236, 0.2904.



This preview shows how white text looks on a background with the Yxy color 44.2069, 0.3236, 0.2904.

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

44.2069, 0.3236, 0.2904

Protanopia

44.2945, 0.2885, 0.2927

Deuteranopia

44.4375, 0.3063, 0.2998



Tritanopia

44.3206, 0.3356, 0.3130

Trichromacy



Original Color

44.2069, 0.3236, 0.2904

Protanomaly

44.0364, 0.3006, 0.2922

Deuteranomaly

44.2043, 0.3125, 0.2965

Tritanomaly

44.3471, 0.3313, 0.3045

Monochromacy



Original Color

44.2069, 0.3236, 0.2904

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

45.1950, 0.3161, 0.3137

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.2069, 0.3236, 0.2904 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, 165, 197)` looks like.

```
.text, #text, p{  
    color:rgb(207, 165, 197)  
}
```

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, 165, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 165, 197) }
```

Border

The CSS property to change the border of an element to Yxy 44.2069, 0.3236, 0.2904 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, 165, 197) }
```

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

```
.border{ border-color:rgb(207, 165, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 165, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 165, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 165, 197);  
box-shadow:4px 4px 4px 4px rgb(207, 165,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 44.2069, 0.3236, 0.2904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 165, 197) }
```

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

```
.background{ background-color: rgb(207,  
165, 197) }
```

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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