

Converting Colors

$Y_{xy}(42.9062, 0.3300, 0.3074)$

Have a look what the booklet for
Yxy(42.9062, 0.3300, 0.3074)
contains.

Yxy(42.9707, 0.3294, 0.3077)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(42.9707, 0.3294, 0.3077)

Conversions

Conversions Part 1

Format	Color
Hex	C8A6B7
RGB	200, 166, 183
RGB Percent	78%, 65%, 72%
CMY	0.2157, 0.3490, 0.2823
CMYK	0.00, 0.17, 0.08, 0.22
HSL	330°, 24%, 72%
HSV	330°, 17%, 78%
XYZ	46.0011, 42.9707, 50.6795
YIQ	178.1040, 14.8070, 12.4950

Conversions

Conversions Part 2

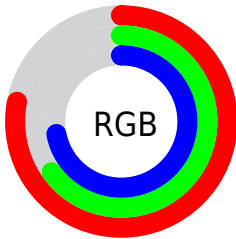
Format	Color
R _Y B	200, 166, 183
Decimal	13149879
CIE Lab	71.54, 15.26, -4.07
CIE LCh	72, 15.795, 345.054
Yxy	42.9707, 0.3294, 0.3077
Android (android.graphics.Color)	4291339959 (0xFFC8A6B7)
YUV	178.1040, 2.4137, 19.2028
Hunter-Lab	65.5520, 10.5463, 0.0483

Details

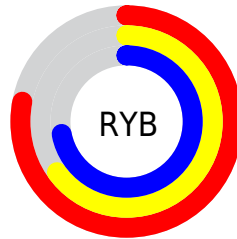
The Yxy color **42.9707, 0.3294, 0.3077** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **52.8271, 0.2988, 0.3513**, and the grayscale version is **44.5606, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.2049, 0.3249, 0.3113**, and **19.7573, 0.3347, 0.3019** is the 20% darker color. If you saturate the color by 10%, you get **35.8567, 0.3420, 0.2944**, and if you desaturate by 10%, it is **51.2486, 0.3189, 0.3205**.

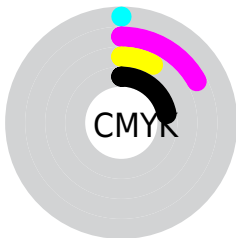
Distribution



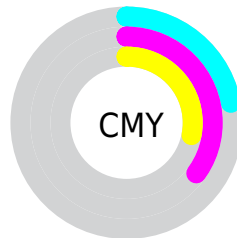
- Red (78%)
- Green (65%)
- Blue (72%)



- Red (78%)
- Yellow (65%)
- Blue (72%)



- Cyan (0%)
- Magenta (17%)
- Yellow (8%)
- Black (22%)




- Cyan (22%)
- Magenta (35%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.9707, 0.3294, 0.3077 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 42.9707, 0.3294, 0.3077 by changing the saturation by 10% instead.

 42.9707, 0.3294,
0.3077


 42.9707, 0.3294,
0.3077


358.4913, 0.3210,
0.3183

 29.8621, 0.3315,
0.3051


 79.6666, 0.3264,
0.3116

 19.7340, 0.3342,
0.3017


 104.0228, 0.3252,
0.3130

 12.2018, 0.3378,
0.2971


132.8969, 0.3242,
0.3142

 6.8813, 0.3429,
0.2908

166.6735, 0.3234,
0.3153

 3.3880, 0.3505,
0.2814

205.7368, 0.3227,
0.3162

 1.3375, 0.3634,
0.2660

250.4712, 0.3221,

 0.1699, 0.4550,

0.3170

0.1448

301.2613, 0.3215,
0.3177

0.0000, 0.0000,
0.0000

42.9707, 0.3294,
0.3077

42.9707, 0.3294,
0.3077

35.8567, 0.3420,
0.2944

51.2486, 0.3189,
0.3205

29.8481, 0.3569,
0.2811

60.7340, 0.3103,
0.3326

24.8901, 0.3744,
0.2683

71.4751, 0.3031,
0.3438

20.9207, 0.3945,
0.2570

83.5161, 0.2972,
0.3542

17.8716, 0.4169,
0.2483

89.6774, 0.2920,
0.3525

■ 15.6653, 0.4410,
0.2435

■ 90.2643, 0.2867,
0.3417

■ 14.2118, 0.4657,
0.2435

■ 90.8840, 0.2816,
0.3311

■ 13.3899, 0.4896,
0.2489

■ 91.0172, 0.2805,
0.3289

■ 13.1998, 0.4968,
0.2510

Harmonies

Analogous

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



42.9707, 0.3064, 0.2953



42.9707, 0.3294, 0.3077



42.9707, 0.3484, 0.3254

Triad

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



42.9707, 0.3294, 0.3077



42.9707, 0.3393, 0.3689



42.9707, 0.2699, 0.3108

Complementary

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



42.9707, 0.3294, 0.3077



52.8271, 0.2988, 0.3513

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.



42.9707, 0.2781, 0.3311



42.9707, 0.3294, 0.3077



42.9707, 0.3177, 0.3659

Square

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



42.9707, 0.3294, 0.3077



42.9707, 0.3541, 0.3607



42.9707, 0.2954, 0.3518



42.9707, 0.2727, 0.2964

Rectangle

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



42.9707, 0.3294, 0.3077



42.9707, 0.3558, 0.3383



42.9707, 0.2954, 0.3518



42.9707, 0.2715, 0.3171

Sweetspot

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



42.9726, 0.3294, 0.3077



91.7299, 0.3172, 0.3229



41.4427, 0.2992, 0.2853



19.3946, 0.3178, 0.3220



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.



42.9726, 0.3294, 0.3077



70.1328, 0.3333, 0.3034



42.3272, 0.3444, 0.3284



10.7240, 0.3213, 0.3175



8.4124, 0.4937, 0.2493



0.4130, 0.4482, 0.2243

Inverse Universe

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



42.9726, 0.3294, 0.3077



70.1328, 0.3333, 0.3034



53.5523, 0.2877, 0.3297



10.7240, 0.3213, 0.3175



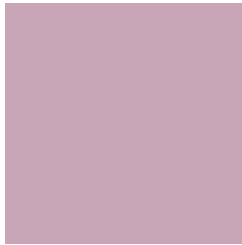
8.4124, 0.4937, 0.2493



0.4130, 0.4482, 0.2243

Previews

White Background



This preview shows how the Yxy color 42.9707, 0.3294, 0.3077 looks on a white background.

Color Contrast Check

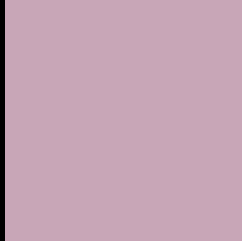
Large Text (above 18pt) WCAG AA × Fail

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 42.9707, 0.3294, 0.3077 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

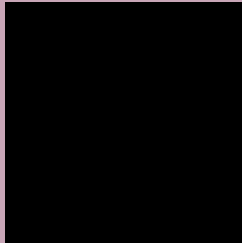
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.9707, 0.3294, 0.3077

Background



This preview shows how black text looks on a background with the Yxy color 42.9707, 0.3294, 0.3077.



This preview shows how white text looks on a background with the Yxy color 42.9707, 0.3294, 0.3077.

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

42.9707, 0.3294, 0.3077

Protanopia

43.0169, 0.3023, 0.3104

Deuteranopia

42.9457, 0.3198, 0.3135



Tritanopia

43.2121, 0.3320, 0.3127

Trichromacy



Original Color

42.9707, 0.3294, 0.3077

Protanomaly

42.8613, 0.3119, 0.3095

Deuteranomaly

43.0908, 0.3235, 0.3124

Tritanomaly

43.2530, 0.3311, 0.3115

Monochromacy



Original Color

42.9707, 0.3294, 0.3077

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.0065, 0.3184, 0.3212

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.9707, 0.3294, 0.3077 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(200, 166, 183)` looks like.

```
.text, #text, p{  
    color:rgb(200, 166, 183)  
}
```

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(200, 166, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 166, 183) }
```

Border

The CSS property to change the border of an element to Yxy 42.9707, 0.3294, 0.3077 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(200, 166, 183) }
```

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

```
.border{ border-color:rgb(200, 166, 183) }
```

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

Here you see how a box with a 4 pixel rgb(200, 166, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 166, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 166, 183);  
box-shadow:4px 4px 4px 4px rgb(200, 166,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 42.9707, 0.3294, 0.3077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 166, 183) }
```

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

```
.background{ background-color: rgb(200,  
166, 183) }
```

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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