

Converting Colors

$Y_{xy}(42.7715, 0.3298, 0.2934)$

Have a look what the booklet for
Yxy(42.7715, 0.3298, 0.2934)
contains.

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Color

Yxy(42.8676, 0.3293, 0.2937)

Conversions

Conversions Part 1

Format	Color
Hex	CFA2BF
RGB	207, 162, 191
RGB Percent	81%, 64%, 75%
CMY	0.1881, 0.3647, 0.2510
CMYK	0.00, 0.22, 0.08, 0.19
HSL	321°, 32%, 72%
HSV	321°, 22%, 81%
XYZ	48.0637, 42.8676, 55.0258
YIQ	178.7610, 17.5110, 18.5590

Conversions

Conversions Part 2

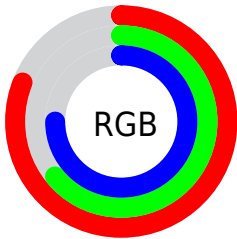
Format	Color
R_{YB}	207, 162, 191
Decimal	13607615
CIE _{Lab}	71.47, 21.34, -8.50
CIE _{LCh}	71, 22.976, 338.276
Yxy	42.8676, 0.3293, 0.2937
Android (android.graphics.Color)	4291797695 (0xFFCFA2BF)
YUV	178.7610, 6.0338, 24.7656
Hunter-Lab	65.4734, 16.4576, -3.9978

Details

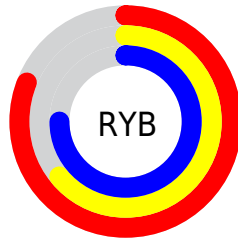
The Yxy color **42.8676, 0.3293, 0.2937** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **55.5413, 0.2992, 0.3672**, and the grayscale version is **44.9079, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.6011, 0.3198, 0.2996**, and **19.6622, 0.3330, 0.2833** is the 20% darker color. If you saturate the color by 10%, you get **35.8500, 0.3391, 0.2768**, and if you desaturate by 10%, it is **51.1062, 0.3209, 0.3103**.

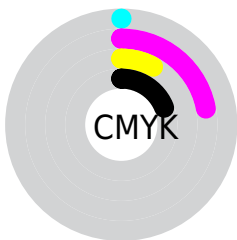
Distribution



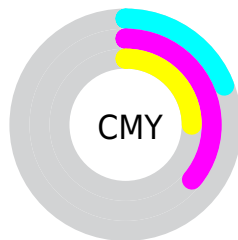
- Red (81%)
- Green (64%)
- Blue (75%)



- Red (81%)
- Yellow (64%)
- Blue (75%)



- Cyan (0%)
- Magenta (22%)
- Yellow (8%)
- Black (19%)




- Cyan (19%)
- Magenta (36%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.8676, 0.3293, 0.2937 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 42.8676, 0.3293, 0.2937 by changing the saturation by 10% instead.


 42.8676, 0.3293,
0.2937


 42.8676, 0.3293,
0.2937


358.0670, 0.3211,
0.3111

 29.7812, 0.3313,
0.2894


 79.5110, 0.3264,
0.3000

 19.6726, 0.3338,
0.2840


 103.8369, 0.3252,
0.3023

 12.1573, 0.3372,
0.2769


132.6780, 0.3243,
0.3043

 6.8509, 0.3418,
0.2670

166.4189, 0.3235,
0.3061

 3.3690, 0.3486,
0.2527

205.4438, 0.3228,
0.3076

 1.3273, 0.3593,
0.2299

250.1372, 0.3222,

 0.1622, 0.4198,

0.3089

0.1008

300.8835, 0.3216,
0.3101

0.0000, 0.0000,
0.0000

42.8676, 0.3293,
0.2937

42.8676, 0.3293,
0.2937

35.8500, 0.3391,
0.2768

51.1062, 0.3209,
0.3103

29.9886, 0.3505,
0.2602

60.6150, 0.3138,
0.3263

25.2216, 0.3634,
0.2448

71.4474, 0.3079,
0.3413

21.4788, 0.3777,
0.2316

83.6521, 0.3030,
0.3553

18.6818, 0.3930,
0.2216

90.3853, 0.2988,
0.3578

■ 16.7409, 0.4088,
0.2161

■ 90.8035, 0.2948,
0.3498

■ 15.5487, 0.4247,
0.2156

■ 91.2393, 0.2909,
0.3419

■ 14.9725, 0.4374,
0.2183

■ 91.6930, 0.2870,
0.3341

■ 92.0112, 0.2844,
0.3289

Harmonies

Analogous

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



42.8676, 0.2959, 0.2785



42.8676, 0.3293, 0.2937



42.8676, 0.3595, 0.3173

Triad

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



42.8676, 0.3293, 0.2937



42.8676, 0.3571, 0.3857



42.8676, 0.2526, 0.3079

Complementary

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



42.8676, 0.3293, 0.2937



55.5413, 0.2992, 0.3672

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.



42.8676, 0.2673, 0.3389



42.8676, 0.3293, 0.2937



42.8676, 0.3270, 0.3861

Square

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



42.8676, 0.3293, 0.2937



42.8676, 0.3757, 0.3697



42.8676, 0.2942, 0.3686



42.8676, 0.2531, 0.2851

Rectangle

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



42.8676, 0.3293, 0.2937



42.8676, 0.3729, 0.3354



42.8676, 0.2942, 0.3686



42.8676, 0.2559, 0.3177

Sweetspot

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



42.8695, 0.3293, 0.2937



88.7325, 0.3175, 0.3179



39.7804, 0.2895, 0.2710



18.7950, 0.3179, 0.3169



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.



42.8695, 0.3293, 0.2937



63.3174, 0.3336, 0.2860



41.9634, 0.3500, 0.3207



11.9346, 0.3191, 0.3141



9.4479, 0.4354, 0.2172



0.5431, 0.4091, 0.2027

Inverse Universe

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



42.8695, 0.3293, 0.2937



63.3174, 0.3336, 0.2860



56.5087, 0.2848, 0.3376



11.9346, 0.3191, 0.3141



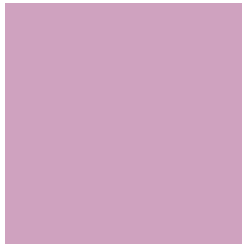
9.4479, 0.4354, 0.2172



0.5431, 0.4091, 0.2027

Previews

White Background



This preview shows how the Yxy color 42.8676, 0.3293, 0.2937 looks on a white background.

Color Contrast Check

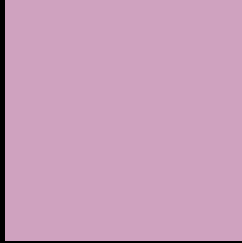
Large Text (above 18pt) WCAG AA × Fail

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 42.8676, 0.3293, 0.2937 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

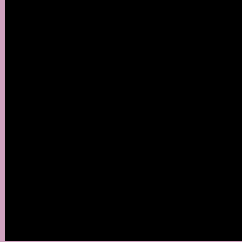
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.8676, 0.3293, 0.2937

Background



This preview shows how black text looks on a background with the Yxy color 42.8676, 0.3293, 0.2937.



This preview shows how white text looks on a background with the Yxy color 42.8676, 0.3293, 0.2937.

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

42.8676, 0.3293, 0.2937

Protanopia

43.0536, 0.2905, 0.2961

Deuteranopia

42.8627, 0.3112, 0.3045



Tritanopia

42.7044, 0.3399, 0.3129

Trichromacy



Original Color

42.8676, 0.3293, 0.2937

Protanomaly

42.9253, 0.3037, 0.2956

Deuteranomaly

42.8245, 0.3177, 0.2999

Tritanomaly

42.6936, 0.3364, 0.3056

Monochromacy



Original Color

42.8676, 0.3293, 0.2937

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.1249, 0.3187, 0.3161

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.8676, 0.3293, 0.2937 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, 162, 191)` looks like.

```
.text, #text, p{  
    color:rgb(207, 162, 191)  
}
```

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, 162, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 162, 191) }
```

Border

The CSS property to change the border of an element to Yxy 42.8676, 0.3293, 0.2937 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, 162, 191) }
```

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

```
.border{ border-color:rgb(207, 162, 191) }
```

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

Here you see how a box with a 4 pixel rgb(207, 162, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 162, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 162, 191);  
box-shadow:4px 4px 4px 4px rgb(207, 162,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 42.8676, 0.3293, 0.2937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 162, 191) }
```

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

```
.background{ background-color: rgb(207,  
162, 191) }
```

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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