

Converting Colors

$Y_{xy}(42.9337, 0.3028, 0.2761)$

Have a look what the booklet for
Yxy(42.9337, 0.3028, 0.2761)
contains.

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Color

Yxy(42.9337, 0.3028, 0.2761)

Conversions

Conversions Part 1

Format	Color
Hex	C2A5D0
RGB	194, 165, 208
RGB Percent	76%, 65%, 82%
CMY	0.2393, 0.3529, 0.1843
CMYK	0.07, 0.21, 0.00, 0.18
HSL	280°, 31%, 73%
HSV	280°, 21%, 82%
XYZ	47.0856, 42.9337, 65.4813
YIQ	178.5730, 3.4810, 19.5210

Conversions

Conversions Part 2

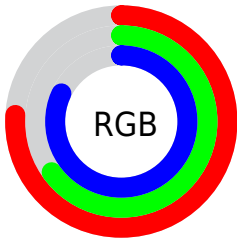
Format	Color
RYB	194, 165, 208
Decimal	12756432
CIELab	71.51, 18.43, -17.94
CIELCh	72, 25.718, 315.775
Yxy	42.9337, 0.3028, 0.2761
Android (android.graphics.Color)	4290946512 (0xFFC2A5D0)
YUV	178.5730, 14.5075, 13.5295
Hunter-Lab	65.5238, 13.6038, -13.3848

Details

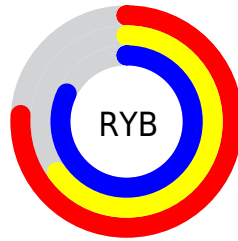
The Yxy color $42.9337, 0.3028, 0.2761$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $57.4173, 0.3207, 0.3840$, and the grayscale version is $44.7608, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.9156, 0.3115, 0.2947$, and $19.7188, 0.2989, 0.2613$ is the 20% darker color. If you saturate the color by 10%, you get $35.1548, 0.2967, 0.2487$, and if you desaturate by 10%, it is $51.9775, 0.3080, 0.3025$.

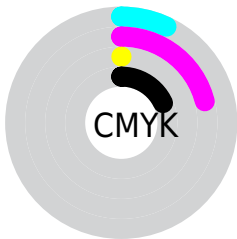
Distribution



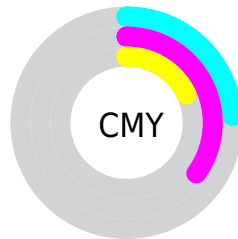
- Red (76%)
- Green (65%)
- Blue (82%)



- Red (76%)
- Yellow (65%)
- Blue (82%)



- Cyan (7%)
- Magenta (21%)
- Yellow (0%)
- Black (18%)



- Cyan (24%)
- Magenta (35%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.9337, 0.3028, 0.2761 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 42.9337, 0.3028, 0.2761 by changing the saturation by 10% instead.

42.9337, 0.3028,
0.2761

42.9337, 0.3028,
0.2761

358.3390, 0.3082,
0.3019

29.8331, 0.3013,
0.2699

79.6108, 0.3048,
0.2853

19.7119, 0.2994,
0.2620

103.9561, 0.3056,
0.2888

12.1858, 0.2968,
0.2518

132.8184, 0.3062,
0.2918

6.8704, 0.2928,
0.2379

166.5821, 0.3067,
0.2944

3.3812, 0.2867,
0.2182

205.6317, 0.3072,
0.2966

1.3338, 0.2758,
0.1881

250.3514, 0.3075,

0.1672, 0.2655,

0.2986

0.0729

301.1257, 0.3079,
0.3003

0.0000, 0.0000,
0.0000

42.9337, 0.3028,
0.2761

42.9337, 0.3028,
0.2761

35.1548, 0.2967,
0.2487

51.9775, 0.3080,
0.3025

28.5759, 0.2897,
0.2211

62.3361, 0.3124,
0.3274

23.1345, 0.2819,
0.1943

74.0635, 0.3161,
0.3505

18.7600, 0.2735,
0.1694

87.2090, 0.3191,
0.3717

15.3740, 0.2647,
0.1476

92.5510, 0.3228,
0.3777

■ 12.8868, 0.2558,
0.1301

■ 93.6814, 0.3272,
0.3771

■ 11.1919, 0.2472,
0.1174

■ 94.8558, 0.3316,
0.3764

■ 10.1457, 0.2395,
0.1093

■ 96.0747, 0.3361,
0.3757

■ 97.3342, 0.3406,
0.3750

Harmonies

Analogous

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



42.9337, 0.2699, 0.2687



42.9337, 0.3028, 0.2761



42.9337, 0.3404, 0.2956

Triad

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



42.9337, 0.3028, 0.2761



42.9337, 0.3795, 0.3799



42.9337, 0.2565, 0.3308

Complementary

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



42.9337, 0.3028, 0.2761



57.4173, 0.3207, 0.3840

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.



42.9337, 0.2834, 0.3661



42.9337, 0.3028, 0.2761



42.9337, 0.3545, 0.3945

Square

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



42.9337, 0.3028, 0.2761



42.9337, 0.3862, 0.3535



42.9337, 0.3191, 0.3902



42.9337, 0.2444, 0.2976

Rectangle

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



42.9337, 0.3028, 0.2761



42.9337, 0.3627, 0.3134



42.9337, 0.3191, 0.3902



42.9337, 0.2640, 0.3430

Sweetspot

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



42.9355, 0.3028, 0.2761



89.6898, 0.3102, 0.3142



44.9318, 0.2796, 0.2916



18.9673, 0.3099, 0.3125



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.



42.9355, 0.3028, 0.2761



62.1195, 0.3001, 0.2635



44.5337, 0.3212, 0.2861



11.8079, 0.3086, 0.3057



6.3774, 0.2406, 0.1099



0.3985, 0.2557, 0.1182

Inverse Universe

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



43.5801, 0.3407, 0.3118



63.3860, 0.3487, 0.3078



56.0990, 0.3053, 0.3760



11.8709, 0.3240, 0.3214



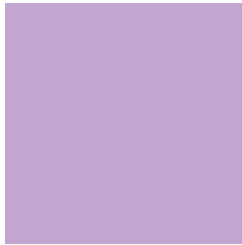
8.6324, 0.5651, 0.2887



0.4972, 0.5127, 0.2598

Previews

White Background



This preview shows how the Yxy color 42.9337, 0.3028, 0.2761 looks on a white background.

Color Contrast Check

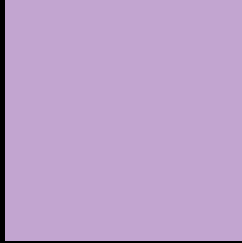
Large Text (above 18pt) WCAG AA × Fail

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 42.9337, 0.3028, 0.2761 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

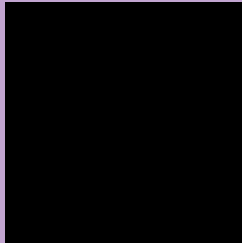
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.9337, 0.3028, 0.2761

Background



This preview shows how black text looks on a background with the Yxy color 42.9337, 0.3028, 0.2761.



This preview shows how white text looks on a background with the Yxy color 42.9337, 0.3028, 0.2761.

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

42.9337, 0.3028, 0.2761

Protanopia

43.2341, 0.2758, 0.2773

Deuteranopia

42.9779, 0.2893, 0.2829



Tritanopia

43.1155, 0.3198, 0.3123

Trichromacy



Original Color

42.9337, 0.3028, 0.2761

Protanomaly

43.1094, 0.2848, 0.2768

Deuteranomaly

42.9482, 0.2942, 0.2809

Tritanomaly

42.8874, 0.3132, 0.2985

Monochromacy



Original Color

42.9337, 0.3028, 0.2761

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.1802, 0.3084, 0.3083

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.9337, 0.3028, 0.2761 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(194, 165, 208)` looks like.

```
.text, #text, p{  
    color:rgb(194, 165, 208)  
}
```

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(194, 165, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 165, 208) }
```

Border

The CSS property to change the border of an element to Yxy 42.9337, 0.3028, 0.2761 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(194, 165, 208) }
```

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

```
.border{ border-color:rgb(194, 165, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 165, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 165, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 165, 208);  
box-shadow:4px 4px 4px 4px rgb(194, 165,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 42.9337, 0.3028, 0.2761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 165, 208) }
```

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

```
.background{ background-color: rgb(194,  
165, 208) }
```

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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