

Converting Colors

$Yxy(41.8236, 0.3149, 0.2946)$

Have a look what the booklet for
Yxy(41.8236, 0.3149, 0.2946)
contains.

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Color

Yxy(41.9225, 0.3143, 0.2947)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | C0A5C0 |
| RGB | 192, 165, 192 |
| RGB Percent | 75%, 65%, 75% |
| CMY | 0.2470, 0.3529, 0.2469 |
| CMYK | 0.00, 0.14, 0.00, 0.25 |
| HSL | 300°, 18%, 70% |
| HSV | 300°, 14%, 75% |
| XYZ | 44.7107, 41.9225, 55.6216 |
| YIQ | 176.1510, 7.4250, 14.1210 |

Conversions

Conversions Part 2

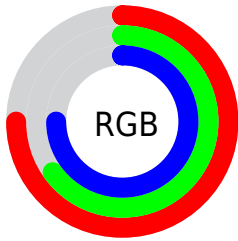
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 192, 165, 192 |
| Decimal | 12625344 |
| CIE _{Lab} | 70.82, 14.65, -10.19 |
| CIE _{LCh} | 71, 17.846, 325.165 |
| Yxy | 41.9225, 0.3143, 0.2947 |
| Android (android.graphics.Color) | 4290815424 (0xFFC0A5C0) |
| YUV | 176.1510, 7.8136, 13.8996 |
| Hunter-Lab | 64.7476, 9.9528, -5.6100 |

Details

The Yxy color **41.9225, 0.3143, 0.2947** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **48.4316, 0.3110, 0.3659**, and the grayscale version is **43.4561, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.1034, 0.3147, 0.3012**, and **19.0776, 0.3136, 0.2842** is the 20% darker color. If you saturate the color by 10%, you get **35.5067, 0.3154, 0.2699**, and if you desaturate by 10%, it is **49.3820, 0.3132, 0.3192**.

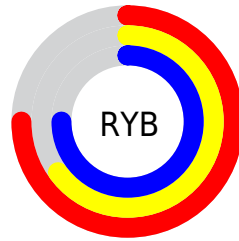
Distribution



Red (75%)

Green (65%)

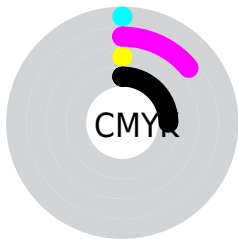
Blue (75%)



Red (75%)

Yellow (65%)

Blue (75%)

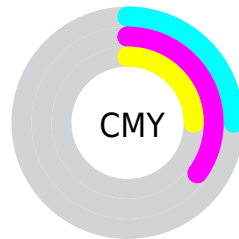


Cyan (0%)

Magenta (14%)

Yellow (0%)

Black (25%)



Cyan (25%)


Magenta (35%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.9225, 0.3143, 0.2947 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 41.9225, 0.3143, 0.2947 by changing the saturation by 10% instead.


 41.9225, 0.3143,
0.2947


 41.9225, 0.3143,
0.2947


354.1616, 0.3137,
0.3117

 29.0406, 0.3144,
0.2905


 78.0823, 0.3141,
0.3008

 19.1115, 0.3145,
0.2851


 102.1290, 0.3140,
0.3032

 11.7509, 0.3146,
0.2780


130.6662, 0.3140,
0.3051

 6.5743, 0.3146,
0.2682

164.0781, 0.3139,
0.3068

 3.1973, 0.3143,
0.2538

202.7492, 0.3138,
0.3083

 1.2356, 0.3133,
0.2305

247.0639, 0.3138,

 0.0905, 0.3297,

0.3096

0.0673

297.4065, 0.3137,
0.3107

■ 0.0000, 0.0000,
0.0000

■ 41.9225, 0.3143,
0.2947

■ 41.9225, 0.3143,
0.2947

■ 35.5067, 0.3154,
0.2699

■ 49.3820, 0.3132,
0.3192

■ 30.0829, 0.3166,
0.2455

■ 57.9232, 0.3121,
0.3429

■ 25.6034, 0.3176,
0.2225

■ 67.5885, 0.3110,
0.3653

■ 22.0140, 0.3186,
0.2019

■ 78.4169, 0.3101,
0.3861

■ 19.2555, 0.3193,
0.1843

■ 86.5468, 0.3095,
0.3995

■ 17.2612, 0.3200,
0.1707

■ 86.5494, 0.3095,
0.3995

■ 15.9541, 0.3204,
0.1612

■ 86.5520, 0.3095,
0.3995

■ 15.2415, 0.3206,
0.1559

■ 86.5545, 0.3095,
0.3995

■ 14.9919, 0.3207,
0.1540

■ 86.5571, 0.3095,
0.3995

Harmonies

Analogous

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



41.9225, 0.2892, 0.2865



41.9225, 0.3143, 0.2947



41.9225, 0.3399, 0.3111

Triad

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



41.9225, 0.3143, 0.2947



41.9225, 0.3554, 0.3694



41.9225, 0.2690, 0.3230

Complementary

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



41.9225, 0.3143, 0.2947



48.4316, 0.3110, 0.3659

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.



41.9225, 0.2854, 0.3475



41.9225, 0.3143, 0.2947



41.9225, 0.3352, 0.3750

Square

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



41.9225, 0.3143, 0.2947



41.9225, 0.3641, 0.3534



41.9225, 0.3095, 0.3671



41.9225, 0.2639, 0.3016

Rectangle

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



41.9225, 0.3143, 0.2947



41.9225, 0.3534, 0.3249



41.9225, 0.3095, 0.3671



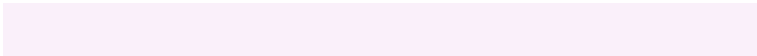
41.9225, 0.2733, 0.3312

Sweetspot

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



41.9243, 0.3143, 0.2947



89.4632, 0.3132, 0.3193



38.8796, 0.2904, 0.2927



18.9581, 0.3133, 0.3174



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



41.9243, 0.3143, 0.2947



72.0213, 0.3147, 0.2868



41.3741, 0.3257, 0.3110



10.2470, 0.3138, 0.3063



10.0846, 0.3207, 0.1540



0.4359, 0.3207, 0.1540

Inverse Universe

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



40.8384, 0.3384, 0.3290



69.6611, 0.3454, 0.3291



48.9290, 0.3014, 0.3477



10.0781, 0.3289, 0.3290



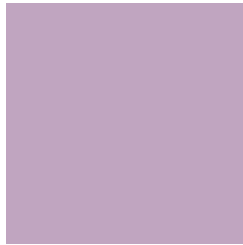
7.5411, 0.6399, 0.3299



0.3259, 0.6395, 0.3296

Previews

White Background



This preview shows how the Yxy color 41.9225, 0.3143, 0.2947 looks on a white background.

Color Contrast Check

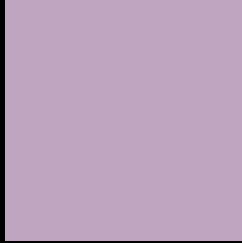
Large Text (above 18pt) WCAG AA × Fail

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 41.9225, 0.3143, 0.2947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

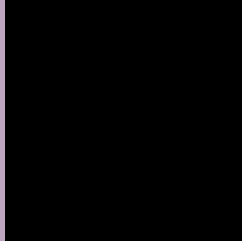
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.9225, 0.3143, 0.2947

Background



This preview shows how black text looks on a background with the Yxy color 41.9225, 0.3143, 0.2947.



This preview shows how white text looks on a background with the Yxy color 41.9225, 0.3143, 0.2947.

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

41.9225, 0.3143, 0.2947

Protanopia

42.0823, 0.2911, 0.2958

Deuteranopia

42.0826, 0.3061, 0.3003



Tritanopia

41.8799, 0.3227, 0.3122

Trichromacy



Original Color

41.9225, 0.3143, 0.2947

Protanomaly

41.7810, 0.2993, 0.2950

Deuteranomaly

42.2060, 0.3096, 0.2993

Tritanomaly

41.8095, 0.3202, 0.3059

Monochromacy



Original Color

41.9225, 0.3143, 0.2947

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

42.8275, 0.3133, 0.3158

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.9225, 0.3143, 0.2947 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(192, 165, 192)` looks like.

```
.text, #text, p{  
    color:rgb(192, 165, 192)  
}
```

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(192, 165, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 165, 192) }
```

Border

The CSS property to change the border of an element to Yxy 41.9225, 0.3143, 0.2947 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(192, 165, 192) }
```

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

```
.border{ border-color:rgb(192, 165, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 165, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 165, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 165, 192);  
box-shadow:4px 4px 4px 4px rgb(192, 165,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 41.9225, 0.3143, 0.2947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 165, 192) }
```

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

```
.background{ background-color: rgb(192,  
165, 192) }
```

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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