

Converting Colors

$Yxy(40.6516, 0.2929, 0.2705)$

Have a look what the booklet for
Yxy(40.6516, 0.2929, 0.2705)
contains.

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Color

Yxy(40.5114, 0.2925, 0.2695)

Conversions

Conversions Part 1

Format	Color
Hex	B7A2D1
RGB	183, 162, 209
RGB Percent	72%, 64%, 82%
CMY	0.2821, 0.3648, 0.1803
CMYK	0.12, 0.23, 0.00, 0.18
HSL	267°, 34%, 73%
HSV	267°, 23%, 82%
XYZ	43.9688, 40.5114, 65.8404
YIQ	173.6370, -2.5710, 19.0690

Conversions

Conversions Part 2

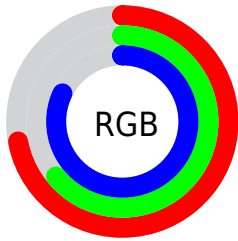
Format	Color
RYB	183, 162, 209
Decimal	12034769
CIELab	69.83, 16.73, -21.14
CIElCh	70, 26.959, 308.363
Yxy	40.5114, 0.2925, 0.2695
Android (android.graphics.Color)	4290224849 (0xFFB7A2D1)
YUV	173.6370, 17.4340, 8.2114
Hunter-Lab	63.6486, 11.9238, -16.7778

Details

The Yxy color **40.5114, 0.2925, 0.2695** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **58.9081, 0.3296, 0.3879**, and the grayscale version is **42.0456, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.1964, 0.3034, 0.2907**, and **18.2308, 0.2869, 0.2537** is the 20% darker color. If you saturate the color by 10%, you get **32.3936, 0.2813, 0.2401**, and if you desaturate by 10%, it is **49.9726, 0.3023, 0.2973**.

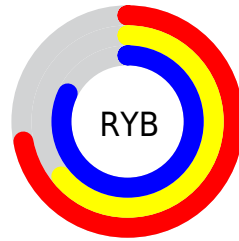
Distribution



Red (72%)

Green (64%)

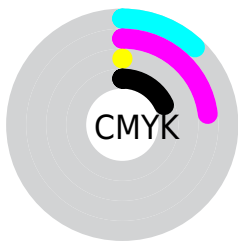
Blue (82%)



Red (72%)

Yellow (64%)

Blue (82%)

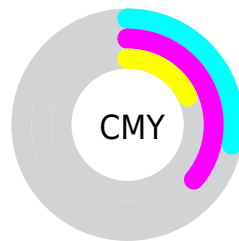


Cyan (12%)

Magenta (23%)

Yellow (0%)

Black (18%)



Cyan (28%)


Magenta (36%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.5114, 0.2925, 0.2695 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 40.5114, 0.2925, 0.2695 by changing the saturation by 10% instead.


 40.5114, 0.2925,
0.2695

 40.5114, 0.2925,
0.2695


348.2744, 0.3031,
0.2987

 27.9375, 0.2897,
0.2624


 75.9416, 0.2965,
0.2800

 18.2786, 0.2860,
0.2534


 99.5667, 0.2979,
0.2840

 11.1502, 0.2810,
0.2417


127.6444, 0.2992,
0.2873

 6.1679, 0.2738,
0.2257

160.5590, 0.3002,
0.2902

 2.9475, 0.2627,
0.2030

198.6948, 0.3011,
0.2928

 1.1044, 0.2436,
0.1684

242.4364, 0.3019,

 0.0000, 0.2017,

0.2950

0.0000

292.1682, 0.3025,
0.2970

0.0000, 0.0000,
0.0000

40.5114, 0.2925,
0.2695

40.5114, 0.2925,
0.2695

32.3936, 0.2813,
0.2401

49.9726, 0.3023,
0.2973

25.5509, 0.2687,
0.2097

60.8310, 0.3108,
0.3229

19.9165, 0.2551,
0.1796

73.1438, 0.3180,
0.3463

15.4154, 0.2408,
0.1511

86.9632, 0.3241,
0.3673

11.9637, 0.2264,
0.1260

94.7830, 0.3306,
0.3754

■ 9.4654, 0.2126,
0.1055

■ 96.8762, 0.3382,
0.3743

■ 7.8056, 0.2001,
0.0908

■ 97.3848, 0.3399,
0.3740

■ 6.9641, 0.1918,
0.0830

Harmonies

Analogous

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



40.5114, 0.2601, 0.2652



40.5114, 0.2925, 0.2695



40.5114, 0.3324, 0.2873

Triad

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



40.5114, 0.2925, 0.2695



40.5114, 0.3879, 0.3769



40.5114, 0.2585, 0.3405

Complementary

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



40.5114, 0.2925, 0.2695



58.9081, 0.3296, 0.3879

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.



40.5114, 0.2902, 0.3768



40.5114, 0.2925, 0.2695



40.5114, 0.3652, 0.3968

Square

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



40.5114, 0.2925, 0.2695



40.5114, 0.3895, 0.3469



40.5114, 0.3292, 0.3979



40.5114, 0.2416, 0.3032

Rectangle

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



40.5114, 0.2925, 0.2695



40.5114, 0.3579, 0.3049



40.5114, 0.3292, 0.3979



40.5114, 0.2677, 0.3534

Sweetspot

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



40.5131, 0.2925, 0.2695



87.3137, 0.3071, 0.3115



48.5254, 0.2776, 0.3025



18.4659, 0.3066, 0.3099



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.



40.5131, 0.2925, 0.2695



57.1504, 0.2873, 0.2555



43.5456, 0.3125, 0.2730



11.6731, 0.3051, 0.3055



4.3493, 0.1933, 0.0838



0.2899, 0.2141, 0.0953

Inverse Universe

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



43.0229, 0.3339, 0.2975



61.8318, 0.3396, 0.2904



56.2342, 0.3121, 0.3911



11.9159, 0.3205, 0.3162



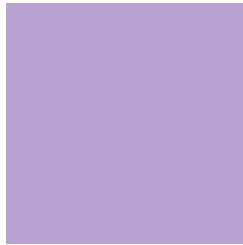
9.1468, 0.4726, 0.2377



0.5273, 0.4373, 0.2183

Previews

White Background



This preview shows how the Yxy color 40.5114, 0.2925, 0.2695 looks on a white background.

Color Contrast Check

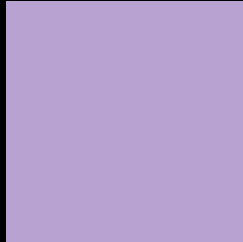
Large Text (above 18pt) WCAG AA × Fail

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 40.5114, 0.2925, 0.2695 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

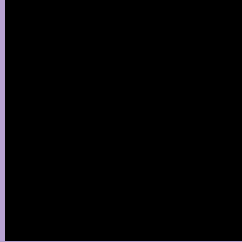
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.5114, 0.2925, 0.2695

Background



This preview shows how black text looks on a background with the Yxy color 40.5114, 0.2925, 0.2695.



This preview shows how white text looks on a background with the Yxy color 40.5114, 0.2925, 0.2695.

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

40.5114, 0.2925, 0.2695

Protanopia

40.7046, 0.2706, 0.2698

Deuteranopia

40.6265, 0.2818, 0.2754



Tritanopia

40.3977, 0.3117, 0.3116

Trichromacy



Original Color

40.5114, 0.2925, 0.2695

Protanomaly

40.3507, 0.2780, 0.2692

Deuteranomaly

40.4630, 0.2858, 0.2734

Tritanomaly

40.3752, 0.3044, 0.2948

Monochromacy



Original Color

40.5114, 0.2925, 0.2695

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.6844, 0.3049, 0.3064

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.5114, 0.2925, 0.2695 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(183, 162, 209)` looks like.

```
.text, #text, p{  
    color:rgb(183, 162, 209)  
}
```

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(183, 162, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 162, 209) }
```

Border

The CSS property to change the border of an element to Yxy 40.5114, 0.2925, 0.2695 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(183, 162, 209) }
```

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

```
.border{ border-color:rgb(183, 162, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 162, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 162, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 162, 209);  
box-shadow:4px 4px 4px 4px rgb(183, 162,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 40.5114, 0.2925, 0.2695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 162, 209) }
```

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

```
.background{ background-color: rgb(183,  
162, 209) }
```

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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