

Converting Colors

Yxy(41.2514, 0.3249, 0.2698)

Have a look what the booklet for
Yxy(41.2514, 0.3249, 0.2698)
contains.

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Color

Yxy(41.2404, 0.3249, 0.2701)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | D599CB |
| RGB | 213, 153, 203 |
| RGB Percent | 84%, 60%, 80% |
| CMY | 0.1647, 0.4000, 0.2040 |
| CMYK | 0.00, 0.28, 0.05, 0.16 |
| HSL | 310°, 42%, 72% |
| HSV | 310°, 28%, 84% |
| XYZ | 49.6076, 41.2404, 61.8377 |
| YIQ | 176.6400, 19.7100, 28.2700 |

Conversions

Conversions Part 2

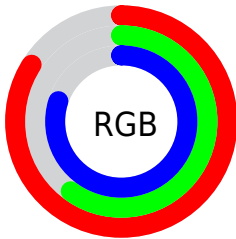
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 213, 153, 203 |
| Decimal | 13998539 |
| CIE _{Lab} | 70.34, 30.40, -16.76 |
| CIE _{LCh} | 70, 34.709, 331.133 |
| Yxy | 41.2404, 0.3249, 0.2701 |
| Android (android.graphics.Color) | 4292188619 (0xFFD599CB) |
| YUV | 176.6400, 12.9955, 31.8877 |
| Hunter-Lab | 64.2187, 25.5048, -12.1387 |

Details

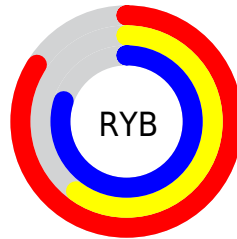
The Yxy color **41.2404, 0.3249, 0.2701** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **57.0015, 0.3026, 0.3961**, and the grayscale version is **43.6915, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.5918, 0.3149, 0.2831**, and **18.7464, 0.3281, 0.2543** is the 20% darker color. If you saturate the color by 10%, you get **34.7132, 0.3303, 0.2492**, and if you desaturate by 10%, it is **49.0195, 0.3201, 0.2914**.

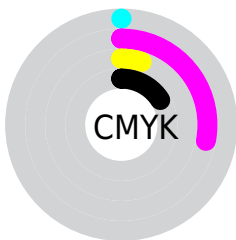
Distribution



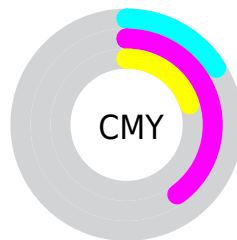
- Red (84%)
- Green (60%)
- Blue (80%)



- Red (84%)
- Yellow (60%)
- Blue (80%)



- Cyan (0%)
- Magenta (28%)
- Yellow (5%)
- Black (16%)





- Cyan (16%)
- Magenta (40%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.2404, 0.3249, 0.2701 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 41.2404, 0.3249, 0.2701 by changing the saturation by 10% instead.

 41.2404, 0.3249,
0.2701

 41.2404, 0.3249,
0.2701


351.3244, 0.3193,
0.2987

 28.5070, 0.3261,
0.2632


 77.0487, 0.3230,
0.2803

 18.7082, 0.3276,
0.2546


 100.8924, 0.3222,
0.2842

 11.4596, 0.3295,
0.2434


129.2082, 0.3216,
0.2875

 6.3769, 0.3318,
0.2282

162.3807, 0.3210,
0.2903

 3.0756, 0.3347,
0.2068

200.7941, 0.3205,
0.2928

 1.1713, 0.3380,
0.1745

244.8330, 0.3201,

 0.0381, 0.3794,

0.2950

0.0186

294.8816, 0.3197,
0.2969

0.0000, 0.0000,
0.0000

41.2404, 0.3249,
0.2701

41.2404, 0.3249,
0.2701

34.7132, 0.3303,
0.2492

49.0195, 0.3201,
0.2914

29.3663, 0.3362,
0.2295

58.1064, 0.3158,
0.3124

25.1291, 0.3424,
0.2121

68.5601, 0.3121,
0.3327

21.9213, 0.3489,
0.1979

80.4346, 0.3089,
0.3518

19.6518, 0.3554,
0.1876

90.8715, 0.3063,
0.3652

■ 18.2133, 0.3616,
0.1819

■ 91.0625, 0.3043,
0.3613

■ 17.4491, 0.3676,
0.1805

■ 91.2576, 0.3023,
0.3575

■ 17.3378, 0.3687,
0.1804

■ 91.4567, 0.3004,
0.3537

■ 91.6599, 0.2984,
0.3499

Harmonies

Analogous

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



41.2404, 0.2755, 0.2516



41.2404, 0.3249, 0.2701



41.2404, 0.3745, 0.3016

Triad

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



41.2404, 0.3249, 0.2701



41.2404, 0.3880, 0.4105



41.2404, 0.2263, 0.3056

Complementary

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



41.2404, 0.3249, 0.2701



57.0015, 0.3026, 0.3961

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.



41.2404, 0.2519, 0.3555



41.2404, 0.3249, 0.2701



41.2404, 0.3446, 0.4205

Square

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



41.2404, 0.3249, 0.2701



41.2404, 0.4119, 0.3797



41.2404, 0.2948, 0.4005



41.2404, 0.2220, 0.2682

Rectangle

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



41.2404, 0.3249, 0.2701



41.2404, 0.3993, 0.3271



41.2404, 0.2948, 0.4005



41.2404, 0.2326, 0.3215

Sweetspot

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



41.2422, 0.3249, 0.2701



87.4507, 0.3158, 0.3126



35.3774, 0.2719, 0.2498



18.2453, 0.3164, 0.3094



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.



41.2422, 0.3249, 0.2701



55.6998, 0.3282, 0.2571



39.9483, 0.3537, 0.3047



12.5955, 0.3163, 0.3098



10.6050, 0.3678, 0.1800



0.6493, 0.3584, 0.1748

Inverse Universe

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



41.2422, 0.3249, 0.2701



55.6998, 0.3282, 0.2571



58.2068, 0.2839, 0.3549



12.5955, 0.3163, 0.3098



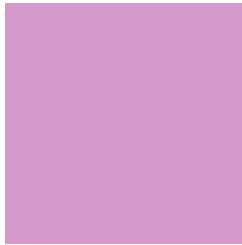
10.6050, 0.3678, 0.1800



0.6493, 0.3584, 0.1748

Previews

White Background



This preview shows how the Yxy color 41.2404, 0.3249, 0.2701 looks on a white background.

Color Contrast Check

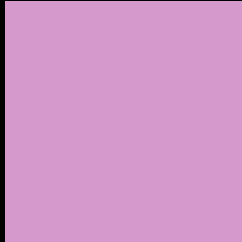
Large Text (above 18pt) WCAG AA × Fail

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 41.2404, 0.3249, 0.2701 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

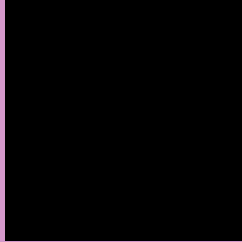
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.2404, 0.3249, 0.2701

Background



This preview shows how black text looks on a background with the Yxy color 41.2404, 0.3249, 0.2701.



This preview shows how white text looks on a background with the Yxy color 41.2404, 0.3249, 0.2701.

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

41.2404, 0.3249, 0.2701

Protanopia

41.7135, 0.2717, 0.2716

Deuteranopia

41.4055, 0.2937, 0.2873



Tritanopia

41.2919, 0.3504, 0.3142

Trichromacy



Original Color

41.2404, 0.3249, 0.2701



Protanomaly

41.0778, 0.2893, 0.2695



Deuteranomaly

41.2302, 0.3042, 0.2810



Tritanomaly

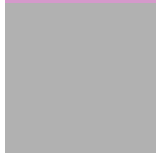
41.2345, 0.3402, 0.2973

Monochromacy



Original Color

41.2404, 0.3249, 0.2701



Achromatopsia

43.9657, 0.3127, 0.3290



Achromatomaly

42.4976, 0.3174, 0.3059

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.2404, 0.3249, 0.2701 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(213, 153, 203)` looks like.

```
.text, #text, p{  
    color:rgb(213, 153, 203)  
}
```

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(213, 153, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 153, 203) }
```

Border

The CSS property to change the border of an element to Yxy 41.2404, 0.3249, 0.2701 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(213, 153, 203) }
```

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

```
.border{ border-color:rgb(213, 153, 203) }
```

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

Here you see how a box with a 4 pixel rgb(213, 153, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 153, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 153, 203);  
box-shadow:4px 4px 4px 4px rgb(213, 153,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 41.2404, 0.3249, 0.2701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 153, 203) }
```

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

```
.background{ background-color: rgb(213,  
153, 203) }
```

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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