

Converting Colors

$Yxy(45.2312, 0.3300, 0.2973)$

Have a look what the booklet for
Yxy(45.2312, 0.3300, 0.2973)
contains.

Yxy(45.3366, 0.3305, 0.2979)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(45.3366, 0.3305, 0.2979)

Conversions

Conversions Part 1

Format	Color
Hex	D3A7C1
RGB	211, 167, 193
RGB Percent	83%, 65%, 76%
CMY	0.1727, 0.3450, 0.2431
CMYK	0.00, 0.21, 0.09, 0.17
HSL	325°, 33%, 74%
HSV	325°, 21%, 83%
XYZ	50.2979, 45.3366, 56.5528
YIQ	183.1200, 17.8780, 17.4140

Conversions

Conversions Part 2

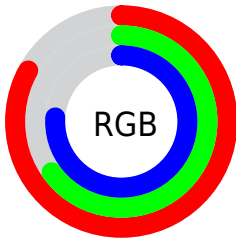
Format	Color
R_{YB}	211, 167, 193
Decimal	13871041
CIE _{Lab}	73.11, 20.32, -7.12
CIE _{LCh}	73, 21.532, 340.682
Yxy	45.3366, 0.3305, 0.2979
Android (android.graphics.Color)	4292061121 (0xFFD3A7C1)
YUV	183.1200, 4.8708, 24.4508
Hunter-Lab	67.3325, 15.5092, -2.6652

Details

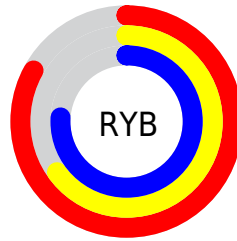
The Yxy color $45.3366, 0.3305, 0.2979$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $58.2842, 0.2982, 0.3623$, and the grayscale version is $47.3880, 0.3127, 0.3290$.

A 20% lighter version of the original color is $80.3421, 0.3181, 0.3026$, and $21.2228, 0.3348, 0.2891$ is the 20% darker color. If you saturate the color by 10%, you get $37.8546, 0.3416, 0.2823$, and if you desaturate by 10%, it is $54.1058, 0.3211, 0.3132$.

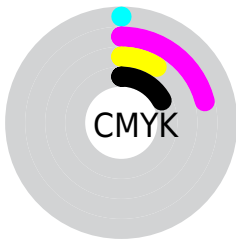
Distribution



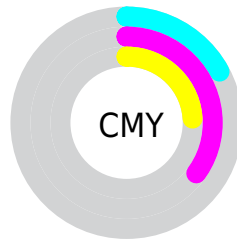
- Red (83%)
- Green (65%)
- Blue (76%)



- Red (83%)
- Yellow (65%)
- Blue (76%)



- Cyan (0%)
- Magenta (21%)
- Yellow (9%)
- Black (17%)




- Cyan (17%)
- Magenta (35%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.3366, 0.3305, 0.2979 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 45.3366, 0.3305, 0.2979 by changing the saturation by 10% instead.

 45.3366, 0.3305,
0.2979


 45.3366, 0.3305,
0.2979


368.1351, 0.3218,
0.3131

 31.7226, 0.3326,
0.2942


 83.2253, 0.3274,
0.3034

 21.1497, 0.3354,
0.2895


 108.2688, 0.3262,
0.3054

 13.2335, 0.3390,
0.2833


137.8909, 0.3252,
0.3072

 7.5895, 0.3439,
0.2748

172.4761, 0.3243,
0.3087

 3.8334, 0.3511,
0.2625

212.4087, 0.3235,
0.3100

 1.5808, 0.3626,
0.2432

258.0732, 0.3229,

 0.3446, 0.4034,

0.3112

0.1688

309.8538, 0.3223,
0.3122

0.0000, 0.0000,
0.0000

45.3366, 0.3305,
0.2979

45.3366, 0.3305,
0.2979

37.8546, 0.3416,
0.2823

54.1058, 0.3211,
0.3132

31.5923, 0.3545,
0.2668

64.2135, 0.3133,
0.3278

26.4853, 0.3694,
0.2524

75.7154, 0.3068,
0.3416

22.4606, 0.3860,
0.2399

88.6623, 0.3013,
0.3543

19.4370, 0.4041,
0.2307

91.4237, 0.2966,
0.3487

■ 17.3216, 0.4230,
0.2258

■ 91.9372, 0.2920,
0.3396

■ 16.0039, 0.4420,
0.2260

■ 92.4752, 0.2874,
0.3306

■ 15.3161, 0.4591,
0.2303

■ 92.5817, 0.2866,
0.3289

Harmonies

Analogous

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



45.3366, 0.2996, 0.2831



45.3366, 0.3305, 0.2979



45.3366, 0.3575, 0.3203

Triad

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



45.3366, 0.3305, 0.2979



45.3366, 0.3517, 0.3818



45.3366, 0.2567, 0.3077

Complementary

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



45.3366, 0.3305, 0.2979



58.2842, 0.2982, 0.3623

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.



45.3366, 0.2693, 0.3358



45.3366, 0.3305, 0.2979



45.3366, 0.3235, 0.3806

Square

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



45.3366, 0.3305, 0.2979



45.3366, 0.3698, 0.3682



45.3366, 0.2934, 0.3634



45.3366, 0.2583, 0.2874

Rectangle

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



45.3366, 0.3305, 0.2979



45.3366, 0.3690, 0.3371



45.3366, 0.2934, 0.3634



45.3366, 0.2594, 0.3166

Sweetspot

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



45.3386, 0.3305, 0.2979



90.2275, 0.3172, 0.3203



42.6113, 0.2925, 0.2740



19.0948, 0.3178, 0.3193



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.



45.3386, 0.3305, 0.2979



64.2852, 0.3352, 0.2910



44.4445, 0.3501, 0.3237



11.9239, 0.3199, 0.3153



9.2688, 0.4564, 0.2288



0.5338, 0.4250, 0.2115

Inverse Universe

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



45.3386, 0.3305, 0.2979



64.2852, 0.3352, 0.2910



59.2660, 0.2846, 0.3344



11.9239, 0.3199, 0.3153



9.2688, 0.4564, 0.2288



0.5338, 0.4250, 0.2115

Previews

White Background



This preview shows how the Yxy color 45.3366, 0.3305, 0.2979 looks on a white background.

Color Contrast Check

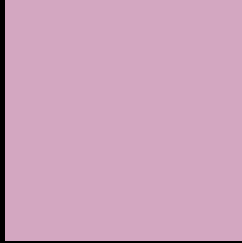
Large Text (above 18pt) WCAG AA × Fail

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 45.3366, 0.3305, 0.2979 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

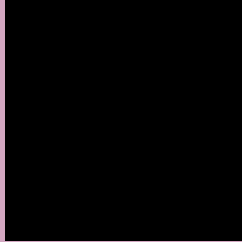
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.3366, 0.3305, 0.2979

Background



This preview shows how black text looks on a background with the Yxy color 45.3366, 0.3305, 0.2979.



This preview shows how white text looks on a background with the Yxy color 45.3366, 0.3305, 0.2979.

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

45.3366, 0.3305, 0.2979

Protanopia

45.3580, 0.2948, 0.3006

Deuteranopia

45.6722, 0.3137, 0.3076



Tritanopia

45.4550, 0.3391, 0.3133

Trichromacy



Original Color

45.3366, 0.3305, 0.2979

Protanomaly

45.1221, 0.3071, 0.3000

Deuteranomaly

45.4529, 0.3201, 0.3042

Tritanomaly

45.2521, 0.3357, 0.3073

Monochromacy



Original Color

45.3366, 0.3305, 0.2979

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

46.3696, 0.3185, 0.3164

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.3366, 0.3305, 0.2979 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(211, 167, 193)` looks like.

```
.text, #text, p{  
    color:rgb(211, 167, 193)  
}
```

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(211, 167, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 167, 193) }
```

Border

The CSS property to change the border of an element to Yxy 45.3366, 0.3305, 0.2979 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(211, 167, 193) }
```

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

```
.border{ border-color:rgb(211, 167, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 167, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 167, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 167, 193);  
box-shadow:4px 4px 4px 4px rgb(211, 167,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 45.3366, 0.3305, 0.2979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 167, 193) }
```

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

```
.background{ background-color: rgb(211,  
167, 193) }
```

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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