

Converting Colors

$Yxy(44.6688, 0.3307, 0.2995)$

Have a look what the booklet for
Yxy(44.6688, 0.3307, 0.2995)
contains.

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Color

Yxy(44.5893, 0.3306, 0.2988)

Conversions

Conversions Part 1

Format	Color
Hex	D1A6BF
RGB	209, 166, 191
RGB Percent	82%, 65%, 75%
CMY	0.1804, 0.3490, 0.2509
CMYK	0.00, 0.21, 0.09, 0.18
HSL	325°, 32%, 74%
HSV	325°, 21%, 82%
XYZ	49.3347, 44.5893, 55.3039
YIQ	181.7070, 17.6030, 16.8910

Conversions

Conversions Part 2

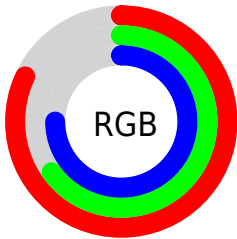
Format	Color
R _{YB}	209, 166, 191
Decimal	13739711
CIE Lab	72.62, 19.84, -6.78
CIE LCh	73, 20.970, 341.137
Yxy	44.5893, 0.3306, 0.2988
Android (android.graphics.Color)	4291929791 (0xFFD1A6BF)
YUV	181.7070, 4.5814, 23.9360
Hunter-Lab	66.7752, 15.0224, -2.3619

Details

The Yxy color **44.5893, 0.3306, 0.2988** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **57.1667, 0.2982, 0.3613**, and the grayscale version is **46.5801, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.6883, 0.3195, 0.3035**, and **20.7396, 0.3349, 0.2902** is the 20% darker color. If you saturate the color by 10%, you get **37.2265, 0.3419, 0.2834**, and if you desaturate by 10%, it is **53.2138, 0.3211, 0.3139**.

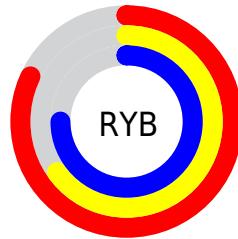
Distribution



Red (82%)

Green (65%)

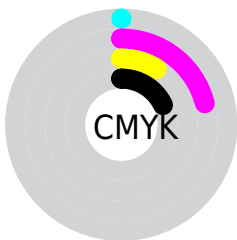
Blue (75%)



Red (82%)

Yellow (65%)

Blue (75%)

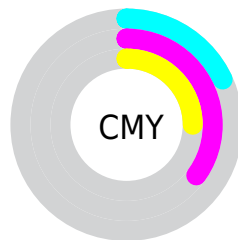


Cyan (0%)

Magenta (21%)

Yellow (9%)

Black (18%)



Cyan (18%)


Magenta (35%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.5893, 0.3306, 0.2988 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 44.5893, 0.3306, 0.2988 by changing the saturation by 10% instead.


 44.5893, 0.3306,
0.2988


 44.5893, 0.3306,
0.2988


365.1077, 0.3218,
0.3137

 31.1341, 0.3328,
0.2952


 82.1038, 0.3274,
0.3041

 20.7010, 0.3355,
0.2905

 106.9318, 0.3262,
0.3062

 12.9056, 0.3392,
0.2845


136.3195, 0.3252,
0.3079

 7.3636, 0.3443,
0.2761

170.6513, 0.3243,
0.3094

 3.6905, 0.3517,
0.2639

210.3117, 0.3236,
0.3106

 1.5020, 0.3636,
0.2446

255.6849, 0.3229,

 0.2901, 0.4131,

0.3118

0.1577

307.1554, 0.3223,
0.3128

■ 0.0000, 0.0000,
0.0000

■ 44.5893, 0.3306,
0.2988

■ 44.5893, 0.3306,
0.2988

■ 37.2265, 0.3419,
0.2834

■ 53.2138, 0.3211,
0.3139

■ 31.0594, 0.3551,
0.2682

■ 63.1498, 0.3131,
0.3282

■ 26.0252, 0.3702,
0.2539


■ 74.4520, 0.3065,
0.3417

■ 22.0527, 0.3873,
0.2416


■ 87.1699, 0.3010,
0.3542


■ 19.0628, 0.4059,
0.2325


■ 91.0569, 0.2962,
0.3503

 16.9649, 0.4254,
0.2276

 91.5740, 0.2915,
0.3409

 15.6517, 0.4449,
0.2279

 92.1162, 0.2869,
0.3318

 14.9494, 0.4630,
0.2324

 92.2947, 0.2855,
0.3289

Harmonies

Analogous

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



44.5893, 0.3004, 0.2841



44.5893, 0.3306, 0.2988



44.5893, 0.3569, 0.3208

Triad

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



44.5893, 0.3306, 0.2988



44.5893, 0.3505, 0.3808



44.5893, 0.2578, 0.3078

Complementary

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



44.5893, 0.3306, 0.2988



57.1667, 0.2982, 0.3613

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.



44.5893, 0.2699, 0.3353



44.5893, 0.3306, 0.2988



44.5893, 0.3229, 0.3794

Square

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



44.5893, 0.3306, 0.2988



44.5893, 0.3685, 0.3677



44.5893, 0.2934, 0.3623



44.5893, 0.2595, 0.2881

Rectangle

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



44.5893, 0.3306, 0.2988



44.5893, 0.3680, 0.3374



44.5893, 0.2934, 0.3623



44.5893, 0.2603, 0.3164

Sweetspot

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



44.5913, 0.3306, 0.2988



90.2183, 0.3173, 0.3204



42.0578, 0.2934, 0.2748



19.0926, 0.3179, 0.3195



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.



44.5913, 0.3306, 0.2988



64.2508, 0.3357, 0.2916



43.7158, 0.3502, 0.3247



11.9219, 0.3201, 0.3156



9.2378, 0.4604, 0.2310



0.5322, 0.4280, 0.2131

Inverse Universe

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



44.5913, 0.3306, 0.2988



64.2508, 0.3357, 0.2916



58.1343, 0.2845, 0.3334



11.9219, 0.3201, 0.3156



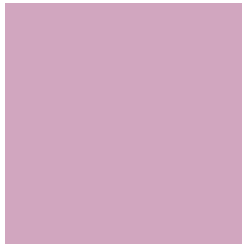
9.2378, 0.4604, 0.2310



0.5322, 0.4280, 0.2131

Previews

White Background



This preview shows how the Yxy color 44.5893, 0.3306, 0.2988 looks on a white background.

Color Contrast Check

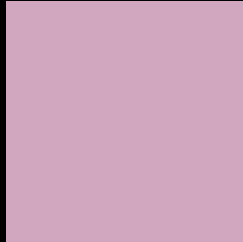
Large Text (above 18pt) WCAG AA × Fail

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 44.5893, 0.3306, 0.2988 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

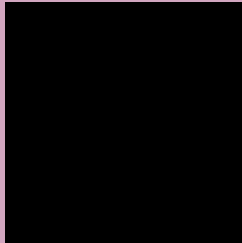
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.5893, 0.3306, 0.2988

Background



This preview shows how black text looks on a background with the Yxy color 44.5893, 0.3306, 0.2988.



This preview shows how white text looks on a background with the Yxy color 44.5893, 0.3306, 0.2988.

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

44.5893, 0.3306, 0.2988

Protanopia

44.7516, 0.2954, 0.3017

Deuteranopia

44.6812, 0.3146, 0.3074



Tritanopia

44.7514, 0.3384, 0.3131

Trichromacy



Original Color

44.5893, 0.3306, 0.2988

Protanomaly

44.5186, 0.3079, 0.3011

Deuteranomaly

44.4729, 0.3211, 0.3041

Tritanomaly

44.5501, 0.3349, 0.3071

Monochromacy



Original Color

44.5893, 0.3306, 0.2988

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

45.7599, 0.3194, 0.3176

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.5893, 0.3306, 0.2988 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(209, 166, 191)` looks like.

```
.text, #text, p{  
    color:rgb(209, 166, 191)  
}
```

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(209, 166, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 166, 191) }
```

Border

The CSS property to change the border of an element to Yxy 44.5893, 0.3306, 0.2988 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(209, 166, 191) }
```

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

```
.border{ border-color:rgb(209, 166, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 166, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 166, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 166, 191);  
box-shadow:4px 4px 4px 4px rgb(209, 166,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 44.5893, 0.3306, 0.2988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 166, 191) }
```

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

```
.background{ background-color: rgb(209,  
166, 191) }
```

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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