

Converting Colors

$Yxy(44.6474, 0.3393, 0.3111)$

Have a look what the booklet for
Yxy(44.6474, 0.3393, 0.3111)
contains.

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Color

Yxy(44.7165, 0.3395, 0.3108)

Conversions

Conversions Part 1

Format	Color
Hex	D2A7B6
RGB	210, 167, 182
RGB Percent	82%, 65%, 71%
CMY	0.1764, 0.3451, 0.2863
CMYK	0.00, 0.20, 0.13, 0.18
HSL	339°, 32%, 74%
HSV	339°, 20%, 82%
XYZ	48.8457, 44.7165, 50.3133
YIQ	181.5670, 20.8130, 13.7810

Conversions

Conversions Part 2

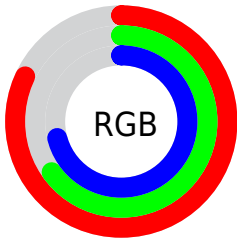
Format	Color
R_{YB}	210, 167, 182
Decimal	13805494
CIE _{Lab}	72.70, 18.15, -1.68
CIE _{LCh}	73, 18.227, 354.704
Yxy	44.7165, 0.3395, 0.3108
Android (android.graphics.Color)	4291995574 (0xFFD2A7B6)
YUV	181.5670, 0.2135, 24.9357
Hunter-Lab	66.8704, 13.3628, 2.1995

Details

The Yxy color **44.7165, 0.3395, 0.3108** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **58.2613, 0.2917, 0.3480**, and the grayscale version is **46.5239, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.6756, 0.3255, 0.3132**, and **20.8150, 0.3474, 0.3062** is the 20% darker color. If you saturate the color by 10%, you get **37.1001, 0.3571, 0.3014**, and if you desaturate by 10%, it is **53.6418, 0.3251, 0.3200**.

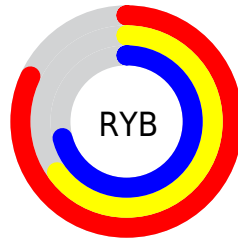
Distribution



Red (82%)

Green (65%)

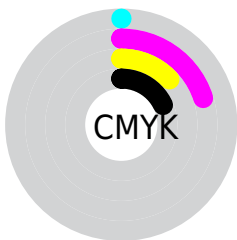
Blue (71%)



Red (82%)

Yellow (65%)

Blue (71%)

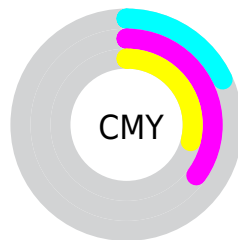


Cyan (0%)

Magenta (20%)

Yellow (13%)

Black (18%)



Cyan (18%)


Magenta (35%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.7165, 0.3395, 0.3108 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 44.7165, 0.3395, 0.3108 by changing the saturation by 10% instead.


 44.7165, 0.3395,
0.3108


 44.7165, 0.3395,
0.3108


365.6242, 0.3261,
0.3199

 31.2342, 0.3429,
0.3085


 82.2948, 0.3346,
0.3141

 20.7772, 0.3472,
0.3056


 107.1596, 0.3328,
0.3153

 12.9613, 0.3530,
0.3017


136.5874, 0.3312,
0.3164

 7.4019, 0.3612,
0.2963

170.9625, 0.3299,
0.3173

 3.7147, 0.3735,
0.2883

210.6693, 0.3287,
0.3181

 1.5153, 0.3941,
0.2750

256.0923, 0.3277,

 0.2994, 0.4947,

0.3188

0.2036

307.6157, 0.3268,
0.3194

0.0000, 0.0000,
0.0000

44.7165, 0.3395,
0.3108

44.7165, 0.3395,
0.3108

37.1001, 0.3571,
0.3014

53.6418, 0.3251,
0.3200

30.7248, 0.3783,
0.2920

63.9276, 0.3132,
0.3286

25.5256, 0.4035,
0.2834

75.6301, 0.3036,
0.3366

21.4295, 0.4326,
0.2765

88.8006, 0.2957,
0.3440

18.3548, 0.4649,
0.2724

92.1519, 0.2885,
0.3337

■ 16.2087, 0.4988,
0.2725

■ 92.4453, 0.2860,
0.3289

■ 14.8809, 0.5319,
0.2775

■ 14.1896, 0.5603,
0.2860

Harmonies

Analogous

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



44.7165, 0.3139, 0.2945



44.7165, 0.3395, 0.3108



44.7165, 0.3582, 0.3318

Triad

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



44.7165, 0.3395, 0.3108



44.7165, 0.3355, 0.3750



44.7165, 0.2639, 0.3019

Complementary

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



44.7165, 0.3395, 0.3108



58.2613, 0.2917, 0.3480

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.



44.7165, 0.2692, 0.3234



44.7165, 0.3395, 0.3108



44.7165, 0.3099, 0.3673

Square

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



44.7165, 0.3395, 0.3108



44.7165, 0.3556, 0.3692



44.7165, 0.2857, 0.3479



44.7165, 0.2709, 0.2888

Rectangle

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



44.7165, 0.3395, 0.3108



44.7165, 0.3637, 0.3463



44.7165, 0.2857, 0.3479



44.7165, 0.2643, 0.3083

Sweetspot

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



44.7185, 0.3395, 0.3108



89.9985, 0.3195, 0.3238



43.8875, 0.3020, 0.2764



19.0406, 0.3203, 0.3233



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.



44.7185, 0.3395, 0.3108



63.4594, 0.3475, 0.3063



46.5551, 0.3518, 0.3370



11.8754, 0.3237, 0.3209



8.6704, 0.5565, 0.2839



0.4996, 0.5050, 0.2556

Inverse Universe

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



44.7185, 0.3395, 0.3108



63.4594, 0.3475, 0.3063



55.8511, 0.2818, 0.3208



11.8754, 0.3237, 0.3209



8.6704, 0.5565, 0.2839



0.4996, 0.5050, 0.2556

Previews

White Background



This preview shows how the Yxy color 44.7165, 0.3395, 0.3108 looks on a white background.

Color Contrast Check

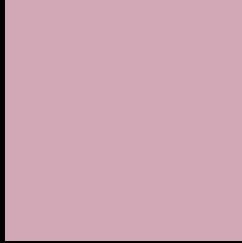
Large Text (above 18pt) WCAG AA × Fail

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 44.7165, 0.3395, 0.3108 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

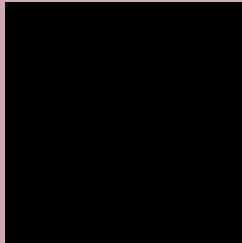
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.7165, 0.3395, 0.3108

Background



This preview shows how black text looks on a background with the Yxy color 44.7165, 0.3395, 0.3108.



This preview shows how white text looks on a background with the Yxy color 44.7165, 0.3395, 0.3108.

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

44.7165, 0.3395, 0.3108

Protanopia

45.0553, 0.3056, 0.3159

Deuteranopia

44.8254, 0.3257, 0.3189



Tritanopia

44.6344, 0.3413, 0.3132

Trichromacy



Original Color

44.7165, 0.3395, 0.3108

Protanomaly

44.7644, 0.3170, 0.3137

Deuteranomaly

44.7414, 0.3305, 0.3165

Tritanomaly

44.6753, 0.3404, 0.3120

Monochromacy



Original Color

44.7165, 0.3395, 0.3108

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.0281, 0.3218, 0.3227

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.7165, 0.3395, 0.3108 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(210, 167, 182)` looks like.

```
.text, #text, p{  
    color:rgb(210, 167, 182)  
}
```

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(210, 167, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 167, 182) }
```

Border

The CSS property to change the border of an element to Yxy 44.7165, 0.3395, 0.3108 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(210, 167, 182) }
```

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

```
.border{ border-color:rgb(210, 167, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 167, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 167, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 167, 182);  
box-shadow:4px 4px 4px 4px rgb(210, 167,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 44.7165, 0.3395, 0.3108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 167, 182) }
```

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

```
.background{ background-color: rgb(210,  
167, 182) }
```

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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