

Converting Colors

Yxy(44.8763, 0.3501, 0.3136)

Have a look what the booklet for
Yxy(44.8763, 0.3501, 0.3136)
contains.

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Color

Yxy(44.8763, 0.3501, 0.3136)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | D9A5B2 |
| RGB | 217, 165, 178 |
| RGB Percent | 85%, 65%, 70% |
| CMY | 0.1491, 0.3529, 0.3021 |
| CMYK | 0.00, 0.24, 0.18, 0.15 |
| HSL | 345°, 41%, 75% |
| HSV | 345°, 24%, 85% |
| XYZ | 50.0995, 44.8763, 48.1247 |
| YIQ | 182.0300, 26.8190, 15.0670 |

Conversions

Conversions Part 2

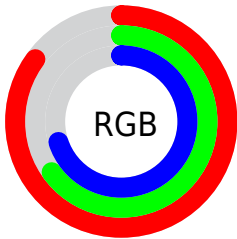
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 217, 165, 178 |
| Decimal | 14263730 |
| CIE Lab | 72.81, 21.09, 0.77 |
| CIE LCh | 73, 21.106, 2.104 |
| Yxy | 44.8763, 0.3501, 0.3136 |
| Android (android.graphics.Color) | 4292453810 (0xFFD9A5B2) |
| YUV | 182.0300, -1.9868, 30.6687 |
| Hunter-Lab | 66.9898, 16.2622, 4.2996 |

Details

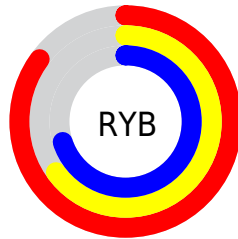
The Yxy color **44.8763, 0.3501, 0.3136** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **61.9781, 0.2852, 0.3451**, and the grayscale version is **46.7962, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.3869, 0.3284, 0.3151**, and **20.8680, 0.3610, 0.3100** is the 20% darker color. If you saturate the color by 10%, you get **37.0869, 0.3720, 0.3068**, and if you desaturate by 10%, it is **54.0754, 0.3322, 0.3203**.

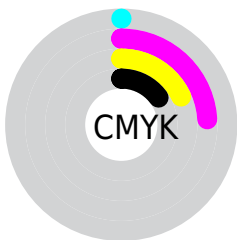
Distribution



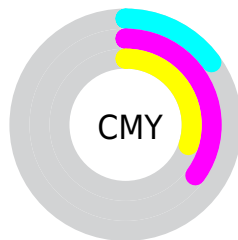
- Red (85%)
- Green (65%)
- Blue (70%)



- Red (85%)
- Yellow (65%)
- Blue (70%)



- Cyan (0%)
- Magenta (24%)
- Yellow (18%)
- Black (15%)




- Cyan (15%)
- Magenta (35%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.8763, 0.3501, 0.3136 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 44.8763, 0.3501, 0.3136 by changing the saturation by 10% instead.


 44.8763, 0.3501,
0.3136

 44.8763, 0.3501,
0.3136


366.2723, 0.3313,
0.3214

 31.3600, 0.3549,
0.3116


 82.5348, 0.3432,
0.3165

 20.8731, 0.3610,
0.3091


 107.4457, 0.3406,
0.3175

 13.0313, 0.3692,
0.3056


136.9237, 0.3385,
0.3184

 7.4501, 0.3807,
0.3008

171.3530, 0.3366,
0.3192

 3.7452, 0.3982,
0.2934

211.1182, 0.3350,
0.3199

 1.5320, 0.4274,
0.2809

256.6035, 0.3336,

 0.3111, 0.5764,

0.3204

0.2212

308.1934, 0.3324,
0.3210

0.0000, 0.0000,
0.0000

44.8763, 0.3501,
0.3136

44.8763, 0.3501,
0.3136

37.0869, 0.3720,
0.3068

54.0754, 0.3322,
0.3203

30.6314, 0.3986,
0.3003

64.7429, 0.3177,
0.3266

25.4360, 0.4301,
0.2947

76.9415, 0.3059,
0.3325

21.4176, 0.4661,
0.2909

90.7287, 0.2963,
0.3379

18.4827, 0.5050,
0.2900

93.4888, 0.2900,
0.3289

■ 16.5235, 0.5437,
0.2930

■ 15.4095, 0.5781,
0.3001

■ 15.0160, 0.5957,
0.3055

Harmonies

Analogous

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



44.8763, 0.3215, 0.2933



44.8763, 0.3501, 0.3136



44.8763, 0.3687, 0.3382

Triad

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



44.8763, 0.3501, 0.3136



44.8763, 0.3319, 0.3817



44.8763, 0.2573, 0.2927

Complementary

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



44.8763, 0.3501, 0.3136



61.9781, 0.2852, 0.3451

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.



44.8763, 0.2598, 0.3155



44.8763, 0.3501, 0.3136



44.8763, 0.3020, 0.3691

Square

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



44.8763, 0.3501, 0.3136



44.8763, 0.3575, 0.3784



44.8763, 0.2758, 0.3440



44.8763, 0.2686, 0.2809

Rectangle

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



44.8763, 0.3501, 0.3136



44.8763, 0.3723, 0.3545



44.8763, 0.2758, 0.3440



44.8763, 0.2565, 0.2993

Sweetspot

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



44.8784, 0.3501, 0.3136



88.3020, 0.3219, 0.3247



44.7611, 0.3042, 0.2677



18.6954, 0.3227, 0.3243



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.



44.8784, 0.3501, 0.3136



58.4741, 0.3612, 0.3100



49.3100, 0.3588, 0.3447



13.1045, 0.3253, 0.3232



9.1060, 0.5921, 0.3036



0.6037, 0.5454, 0.2778

Inverse Universe

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



44.8784, 0.3501, 0.3136



58.4741, 0.3612, 0.3100



56.1909, 0.2762, 0.3127



13.1045, 0.3253, 0.3232



9.1060, 0.5921, 0.3036



0.6037, 0.5454, 0.2778

Previews

White Background



This preview shows how the Yxy color 44.8763, 0.3501, 0.3136 looks on a white background.

Color Contrast Check

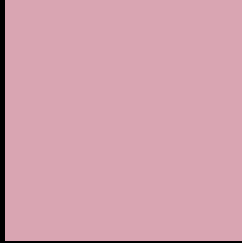
Large Text (above 18pt) WCAG AA × Fail

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 44.8763, 0.3501, 0.3136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

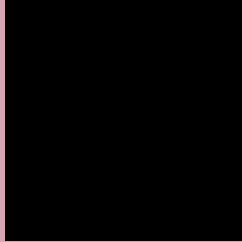
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.8763, 0.3501, 0.3136

Background



This preview shows how black text looks on a background with the Yxy color 44.8763, 0.3501, 0.3136.



This preview shows how white text looks on a background with the Yxy color 44.8763, 0.3501, 0.3136.

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

44.8763, 0.3501, 0.3136

Protanopia

45.0893, 0.3080, 0.3185

Deuteranopia

44.8920, 0.3319, 0.3253



Tritanopia

44.8763, 0.3501, 0.3136

Trichromacy



Original Color

44.8763, 0.3501, 0.3136

Protanomaly

44.6435, 0.3222, 0.3163

Deuteranomaly

44.7611, 0.3379, 0.3204

Tritanomaly

44.8763, 0.3501, 0.3136

Monochromacy



Original Color

44.8763, 0.3501, 0.3136

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

45.9890, 0.3254, 0.3227

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.8763, 0.3501, 0.3136 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(217, 165, 178)` looks like.

```
.text, #text, p{  
    color:rgb(217, 165, 178)  
}
```

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(217, 165, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 165, 178) }
```

Border

The CSS property to change the border of an element to Yxy 44.8763, 0.3501, 0.3136 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(217, 165, 178) }
```

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

```
.border{ border-color:rgb(217, 165, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 165, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 165, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 165, 178);  
box-shadow:4px 4px 4px 4px rgb(217, 165,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 44.8763, 0.3501, 0.3136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 165, 178) }
```

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

```
.background{ background-color: rgb(217,  
165, 178) }
```

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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