

Converting Colors

$Yxy(45.9664, 0.3539, 0.3163)$

Have a look what the booklet for
Yxy(45.9664, 0.3539, 0.3163)
contains.

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Color

Yxy(45.8189, 0.3546, 0.3161)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | DDA6B1 |
| RGB | 221, 166, 177 |
| RGB Percent | 87%, 65%, 69% |
| CMY | 0.1332, 0.3491, 0.3059 |
| CMYK | 0.00, 0.25, 0.20, 0.13 |
| HSL | 348°, 45%, 76% |
| HSV | 348°, 25%, 87% |
| XYZ | 51.3995, 45.8189, 47.7322 |
| YIQ | 183.6990, 29.2490, 15.0810 |

Conversions

Conversions Part 2

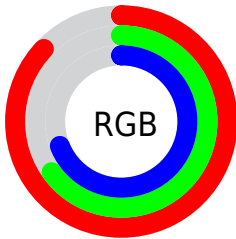
| Format | Color |
|-------------------------------------|--|
| RYB | 221, 166, 177 |
| Decimal | 14526129 |
| CIELab | 73.43, 21.89, 2.25 |
| CIELCh | 73, 22.009, 5.880 |
| Yxy | 45.8189, 0.3546, 0.3161 |
| Android (android.graphics.Color) | 4292716209 (0xFFDDA6B1) |
| YUV | 183.6990, -3.3026, 32.7130 |
| Hunter-Lab | 67.6897, 17.0854, 5.5736 |

Details

The Yxy color **45.8189, 0.3546, 0.3161** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **64.4926, 0.2826, 0.3424**, and the grayscale version is **47.7668, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.8561, 0.3290, 0.3171**, and **21.5146, 0.3659, 0.3119** is the 20% darker color. If you saturate the color by 10%, you get **37.8043, 0.3786, 0.3106**, and if you desaturate by 10%, it is **55.3100, 0.3351, 0.3215**.

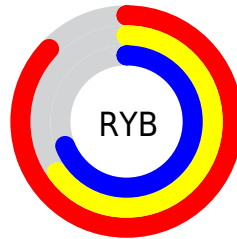
Distribution



Red (87%)

Green (65%)

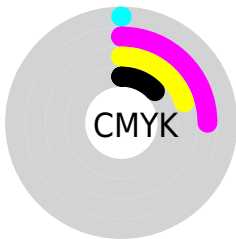
Blue (69%)



Red (87%)

Yellow (65%)

Blue (69%)

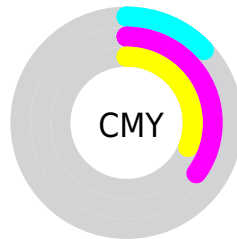


Cyan (0%)

Magenta (25%)

Yellow (20%)

Black (13%)



Cyan (13%)


Magenta (35%)


Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.8189, 0.3546, 0.3161 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 45.8189, 0.3546, 0.3161 by changing the saturation by 10% instead.

 45.8189, 0.3546,
0.3161


 45.8189, 0.3546,
0.3161

370.0801, 0.3335,
0.3227

 32.1029, 0.3599,
0.3144


 83.9479, 0.3469,
0.3185

 21.4401, 0.3667,
0.3122


 109.1297, 0.3440,
0.3194

 13.4461, 0.3759,
0.3092


138.9023, 0.3416,
0.3202

 7.7364, 0.3887,
0.3049

173.6500, 0.3395,
0.3209

 3.9268, 0.4080,
0.2984

213.7572, 0.3377,
0.3214

 1.6327, 0.4400,
0.2872

259.6084, 0.3361,

 0.3795, 0.5853,

0.3219

0.2478

311.5879, 0.3348,
0.3223

0.0000, 0.0000,
0.0000

45.8189, 0.3546,
0.3161

45.8189, 0.3546,
0.3161

37.8043, 0.3786,
0.3106

55.3100, 0.3351,
0.3215

31.1858, 0.4077,
0.3055

66.3402, 0.3193,
0.3266

25.8850, 0.4421,
0.3012

78.9762, 0.3066,
0.3314

21.8130, 0.4812,
0.2987

93.2786, 0.2962,
0.3357

18.8699, 0.5227,
0.2988

94.1180, 0.2923,
0.3289

■ 16.9402, 0.5627,
0.3024

■ 15.8827, 0.5961,
0.3094

■ 15.5616, 0.6099,
0.3133

Harmonies

Analogous

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



45.8189, 0.3258, 0.2943



45.8189, 0.3546, 0.3161



45.8189, 0.3720, 0.3417

Triad

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



45.8189, 0.3546, 0.3161



45.8189, 0.3287, 0.3830



45.8189, 0.2561, 0.2892

Complementary

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



45.8189, 0.3546, 0.3161



64.4926, 0.2826, 0.3424

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.



45.8189, 0.2569, 0.3115



45.8189, 0.3546, 0.3161



45.8189, 0.2978, 0.3678

Square

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



45.8189, 0.3546, 0.3161



45.8189, 0.3562, 0.3814



45.8189, 0.2717, 0.3407



45.8189, 0.2695, 0.2786

Rectangle

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



45.8189, 0.3546, 0.3161



45.8189, 0.3743, 0.3582



45.8189, 0.2717, 0.3407



45.8189, 0.2547, 0.2955

Sweetspot

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



45.8210, 0.3546, 0.3161



88.2496, 0.3224, 0.3255



46.0623, 0.3054, 0.2653



18.6832, 0.3233, 0.3252



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.



45.8210, 0.3546, 0.3161



57.1866, 0.3668, 0.3132



51.4174, 0.3606, 0.3475



13.0939, 0.3260, 0.3243



9.0495, 0.6065, 0.3115



0.5987, 0.5614, 0.2866

Inverse Universe

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



45.8210, 0.3546, 0.3161



57.1866, 0.3668, 0.3132



57.2019, 0.2746, 0.3097



13.0939, 0.3260, 0.3243



9.0495, 0.6065, 0.3115



0.5987, 0.5614, 0.2866

Previews

White Background



This preview shows how the Yxy color 45.8189, 0.3546, 0.3161 looks on a white background.

Color Contrast Check

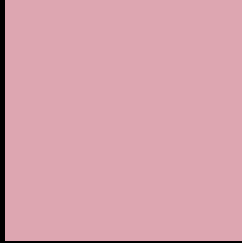
Large Text (above 18pt) WCAG AA × Fail

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 45.8189, 0.3546, 0.3161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

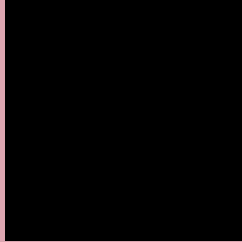
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.8189, 0.3546, 0.3161

Background



This preview shows how black text looks on a background with the Yxy color 45.8189, 0.3546, 0.3161.



This preview shows how white text looks on a background with the Yxy color 45.8189, 0.3546, 0.3161.

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

45.8189, 0.3546, 0.3161

Protanopia

46.2126, 0.3113, 0.3225

Deuteranopia

46.0344, 0.3352, 0.3291



Tritanopia

45.8993, 0.3527, 0.3138

Trichromacy



Original Color

45.8189, 0.3546, 0.3161

Protanomaly

45.9077, 0.3265, 0.3202

Deuteranomaly

46.0495, 0.3421, 0.3242

Tritanomaly

45.8589, 0.3536, 0.3149

Monochromacy



Original Color

45.8189, 0.3546, 0.3161

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

46.6508, 0.3271, 0.3240

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.8189, 0.3546, 0.3161 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(221, 166, 177)` looks like.

```
.text, #text, p{  
    color:rgb(221, 166, 177)  
}
```

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(221, 166, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 166, 177) }
```

Border

The CSS property to change the border of an element to Yxy 45.8189, 0.3546, 0.3161 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(221, 166, 177) }
```

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

```
.border{ border-color:rgb(221, 166, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 166, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 166, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 166, 177);  
box-shadow:4px 4px 4px 4px rgb(221, 166,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 45.8189, 0.3546, 0.3161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 166, 177) }
```

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

```
.background{ background-color: rgb(221,  
166, 177) }
```

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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