

Converting Colors

$Y_{xy}(45.7852, 0.3473, 0.3056)$

Have a look what the booklet for
Yxy(45.7852, 0.3473, 0.3056)
contains.

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Color

Yxy(45.7852, 0.3473, 0.3056)

Conversions

Conversions Part 1

Format	Color
Hex	DDA5B9
RGB	221, 165, 185
RGB Percent	87%, 65%, 73%
CMY	0.1333, 0.3529, 0.2744
CMYK	0.00, 0.25, 0.16, 0.13
HSL	339°, 45%, 76%
HSV	339°, 25%, 87%
XYZ	52.0327, 45.7852, 52.0028
YIQ	184.0240, 26.9560, 18.0920

Conversions

Conversions Part 2

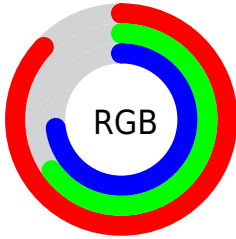
Format	Color
R _Y B	221, 165, 185
Decimal	14525881
CIE Lab	73.41, 23.65, -2.19
CIE LCh	73, 23.755, 354.722
Yxy	45.7852, 0.3473, 0.3056
Android (android.graphics.Color)	4292715961 (0xFFDDA5B9)
YUV	184.0240, 0.4812, 32.4280
Hunter-Lab	67.6648, 18.8493, 1.7989

Details

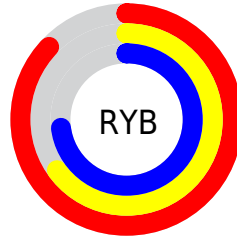
The Yxy color **45.7852, 0.3473, 0.3056** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **63.9305, 0.2873, 0.3538**, and the grayscale version is **47.9345, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.7973, 0.3236, 0.3083**, and **21.4755, 0.3569, 0.2996** is the 20% darker color. If you saturate the color by 10%, you get **37.9214, 0.3664, 0.2959**, and if you desaturate by 10%, it is **55.0906, 0.3315, 0.3152**.

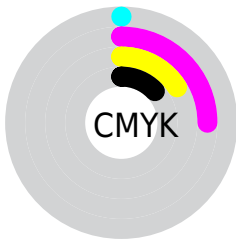
Distribution



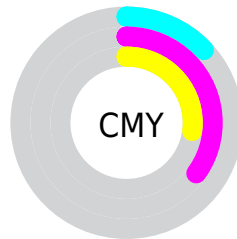
- Red (87%)
- Green (65%)
- Blue (73%)



- Red (87%)
- Yellow (65%)
- Blue (73%)



- Cyan (0%)
- Magenta (25%)
- Yellow (16%)
- Black (13%)





- Cyan (13%)
- Magenta (35%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.7852, 0.3473, 0.3056 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 45.7852, 0.3473, 0.3056 by changing the saturation by 10% instead.


 45.7852, 0.3473,
0.3056


 45.7852, 0.3473,
0.3056


369.9444, 0.3300,
0.3172

 32.0764, 0.3516,
0.3027


 83.8974, 0.3410,
0.3098

 21.4198, 0.3571,
0.2991


 109.0696, 0.3387,
0.3114

 13.4312, 0.3645,
0.2942


138.8317, 0.3367,
0.3127

 7.7262, 0.3748,
0.2875


173.5681, 0.3350,
0.3139

 3.9202, 0.3901,
0.2776

213.6631, 0.3335,
0.3149

 1.6290, 0.4153,
0.2615

259.5013, 0.3322,

 0.3771, 0.4997,

0.3158

0.2006

311.4669, 0.3310,
0.3165

0.0000, 0.0000,
0.0000

45.7852, 0.3473,
0.3056

45.7852, 0.3473,
0.3056

37.9214, 0.3664,
0.2959

55.0906, 0.3315,
0.3152

31.4204, 0.3893,
0.2866

65.8987, 0.3186,
0.3244

26.2053, 0.4161,
0.2784

78.2749, 0.3081,
0.3329

22.1888, 0.4466,
0.2726

92.2785, 0.2994,
0.3408

19.2729, 0.4796,
0.2703

94.1126, 0.2923,
0.3289

■ 17.3437, 0.5130,
0.2726

■ 16.2618, 0.5443,
0.2801

■ 15.9369, 0.5578,
0.2846

Harmonies

Analogous

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



45.7852, 0.3140, 0.2851



45.7852, 0.3473, 0.3056



45.7852, 0.3717, 0.3321

Triad

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



45.7852, 0.3473, 0.3056



45.7852, 0.3418, 0.3889



45.7852, 0.2503, 0.2936

Complementary

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



45.7852, 0.3473, 0.3056



63.9305, 0.2873, 0.3538

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.



45.7852, 0.2569, 0.3213



45.7852, 0.3473, 0.3056



45.7852, 0.3087, 0.3792

Square

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



45.7852, 0.3473, 0.3056



45.7852, 0.3680, 0.3806



45.7852, 0.2778, 0.3535



45.7852, 0.2592, 0.2774

Rectangle

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



45.7852, 0.3473, 0.3056



45.7852, 0.3789, 0.3506



45.7852, 0.2778, 0.3535



45.7852, 0.2508, 0.3018

Sweetspot

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



45.7873, 0.3473, 0.3056



86.8521, 0.3219, 0.3219



44.4759, 0.2981, 0.2628



18.0943, 0.3238, 0.3205



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.



45.7873, 0.3473, 0.3056



57.7486, 0.3562, 0.3008



47.7733, 0.3641, 0.3380



13.1280, 0.3236, 0.3207



9.2774, 0.5537, 0.2824



0.6172, 0.5085, 0.2575

Inverse Universe

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



45.7873, 0.3473, 0.3056



57.7486, 0.3562, 0.3008



61.0789, 0.2748, 0.3198



13.1280, 0.3236, 0.3207



9.2774, 0.5537, 0.2824



0.6172, 0.5085, 0.2575

Previews

White Background



This preview shows how the Yxy color 45.7852, 0.3473, 0.3056 looks on a white background.

Color Contrast Check

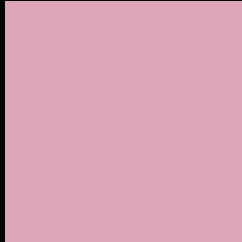
Large Text (above 18pt) WCAG AA × Fail

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 45.7852, 0.3473, 0.3056 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

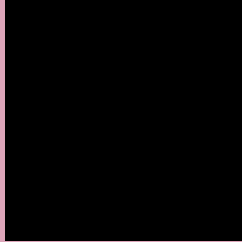
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.7852, 0.3473, 0.3056

Background



This preview shows how black text looks on a background with the Yxy color 45.7852, 0.3473, 0.3056.



This preview shows how white text looks on a background with the Yxy color 45.7852, 0.3473, 0.3056.

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

45.7852, 0.3473, 0.3056

Protanopia

45.8385, 0.3018, 0.3096

Deuteranopia

45.9492, 0.3256, 0.3190



Tritanopia

45.7428, 0.3518, 0.3137

Trichromacy



Original Color

45.7852, 0.3473, 0.3056

Protanomaly

45.6358, 0.3172, 0.3077

Deuteranomaly

45.7083, 0.3334, 0.3131

Tritanomaly

45.8243, 0.3499, 0.3114

Monochromacy



Original Color

45.7852, 0.3473, 0.3056

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

46.7753, 0.3245, 0.3203

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.7852, 0.3473, 0.3056 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, 165, 185)` looks like.

```
.text, #text, p{  
    color:rgb(221, 165, 185)  
}
```

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, 165, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 165, 185) }
```

Border

The CSS property to change the border of an element to Yxy 45.7852, 0.3473, 0.3056 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, 165, 185) }
```

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

```
.border{ border-color:rgb(221, 165, 185) }
```

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

Here you see how a box with a 4 pixel rgb(221, 165, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 165, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 165, 185);  
box-shadow:4px 4px 4px 4px rgb(221, 165,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 45.7852, 0.3473, 0.3056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 165, 185) }
```

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

```
.background{ background-color: rgb(221,  
165, 185) }
```

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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