

Converting Colors

$Yxy(45.5334, 0.3398, 0.3065)$

Have a look what the booklet for
Yxy(45.5334, 0.3398, 0.3065)
contains.

Yxy(45.4787, 0.3396, 0.3063)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(45.4787, 0.3396, 0.3063)

Conversions

Conversions Part 1

Format	Color
Hex	D6A7BA
RGB	214, 167, 186
RGB Percent	84%, 65%, 73%
CMY	0.1606, 0.3452, 0.2706
CMYK	0.00, 0.22, 0.13, 0.16
HSL	336°, 36%, 75%
HSV	336°, 22%, 84%
XYZ	50.4230, 45.4787, 52.5759
YIQ	183.2190, 21.9130, 15.8730

Conversions

Conversions Part 2

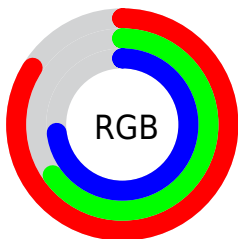
Format	Color
R_{YB}	214, 167, 186
Decimal	14067642
CIE _{Lab}	73.21, 20.25, -3.10
CIE _{LCh}	73, 20.490, 351.291
Yxy	45.4787, 0.3396, 0.3063
Android (android.graphics.Color)	4292257722 (0xFFD6A7BA)
YUV	183.2190, 1.3710, 26.9949
Hunter-Lab	67.4379, 15.4473, 0.9829

Details

The Yxy color **45.4787, 0.3396, 0.3063** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **60.2717, 0.2919, 0.3529**, and the grayscale version is **47.4663, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.9134, 0.3228, 0.3093**, and **21.3259, 0.3474, 0.3004** is the 20% darker color. If you saturate the color by 10%, you get **37.7588, 0.3561, 0.2954**, and if you desaturate by 10%, it is **54.5490, 0.3259, 0.3170**.

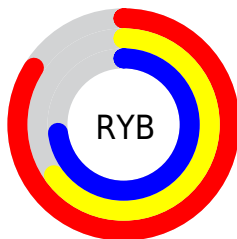
Distribution



Red (84%)

Green (65%)

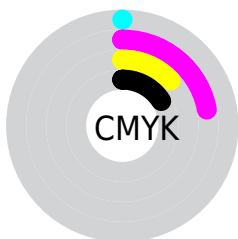
Blue (73%)



Red (84%)

Yellow (65%)

Blue (73%)

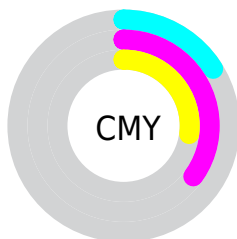


Cyan (0%)

Magenta (22%)

Yellow (13%)

Black (16%)



Cyan (16%)


Magenta (35%)

Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.4787, 0.3396, 0.3063 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 45.4787, 0.3396, 0.3063 by changing the saturation by 10% instead.


 45.4787, 0.3396,
0.3063


 45.4787, 0.3396,
0.3063


368.7089, 0.3262,
0.3175

 31.8346, 0.3429,
0.3035


 83.4383, 0.3347,
0.3104

 21.2352, 0.3472,
0.3000


 108.5226, 0.3329,
0.3119

 13.2961, 0.3529,
0.2953


138.1892, 0.3314,
0.3132

 7.6327, 0.3609,
0.2888

172.8223, 0.3300,
0.3143

 3.8609, 0.3728,
0.2793

212.8064, 0.3289,
0.3153

 1.5960, 0.3924,
0.2639

258.5260, 0.3279,

 0.3549, 0.4647,

0.3161

0.1983

310.3653, 0.3270,
0.3169

0.0000, 0.0000,
0.0000

45.4787, 0.3396,
0.3063

45.4787, 0.3396,
0.3063

37.7588, 0.3561,
0.2954

54.5490, 0.3259,
0.3170

31.3181, 0.3759,
0.2846

65.0242, 0.3147,
0.3271

26.0882, 0.3992,
0.2748

76.9633, 0.3055,
0.3365

21.9915, 0.4259,
0.2669

90.4200, 0.2979,
0.3452

18.9417, 0.4553,
0.2622

92.7112, 0.2911,
0.3343

■ 16.8396, 0.4860,
0.2619

■ 93.0430, 0.2883,
0.3289

■ 15.5665, 0.5160,
0.2669

■ 14.9829, 0.5385,
0.2740

Harmonies

Analogous

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



45.4787, 0.3106, 0.2892



45.4787, 0.3396, 0.3063



45.4787, 0.3619, 0.3292

Triad

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



45.4787, 0.3396, 0.3063



45.4787, 0.3411, 0.3805



45.4787, 0.2583, 0.3009

Complementary

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



45.4787, 0.3396, 0.3063



60.2717, 0.2919, 0.3529

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.



45.4787, 0.2657, 0.3257



45.4787, 0.3396, 0.3063



45.4787, 0.3127, 0.3738

Square

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



45.4787, 0.3396, 0.3063



45.4787, 0.3624, 0.3722



45.4787, 0.2853, 0.3531



45.4787, 0.2646, 0.2852

Rectangle

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



45.4787, 0.3396, 0.3063



45.4787, 0.3693, 0.3454



45.4787, 0.2853, 0.3531



45.4787, 0.2593, 0.3084

Sweetspot

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



45.4807, 0.3396, 0.3063



88.4690, 0.3201, 0.3220



44.0172, 0.2984, 0.2718



18.7340, 0.3208, 0.3214



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.



45.4807, 0.3396, 0.3063



62.4579, 0.3463, 0.3016



46.1836, 0.3562, 0.3339



12.5032, 0.3228, 0.3196



9.0712, 0.5348, 0.2720



0.5633, 0.4893, 0.2469

Inverse Universe

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



45.4807, 0.3396, 0.3063



62.4579, 0.3463, 0.3016



59.2258, 0.2799, 0.3241



12.5032, 0.3228, 0.3196



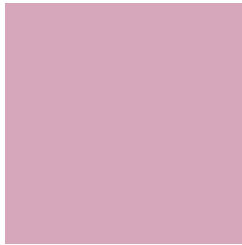
9.0712, 0.5348, 0.2720



0.5633, 0.4893, 0.2469

Previews

White Background



This preview shows how the Yxy color 45.4787, 0.3396, 0.3063 looks on a white background.

Color Contrast Check

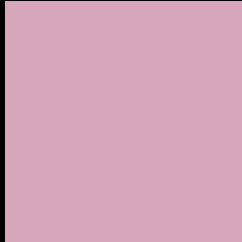
Large Text (above 18pt) WCAG AA × Fail

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 45.4787, 0.3396, 0.3063 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

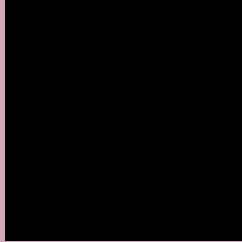
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.4787, 0.3396, 0.3063

Background



This preview shows how black text looks on a background with the Yxy color 45.4787, 0.3396, 0.3063.



This preview shows how white text looks on a background with the Yxy color 45.4787, 0.3396, 0.3063.

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

45.4787, 0.3396, 0.3063

Protanopia

45.6742, 0.3017, 0.3108

Deuteranopia

45.3770, 0.3222, 0.3151



Tritanopia

45.4876, 0.3430, 0.3134

Trichromacy



Original Color

45.4787, 0.3396, 0.3063

Protanomaly

45.5841, 0.3154, 0.3101

Deuteranomaly

45.1852, 0.3289, 0.3117

Tritanomaly

45.5703, 0.3412, 0.3110

Monochromacy



Original Color

45.4787, 0.3396, 0.3063

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

46.3743, 0.3219, 0.3202

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.4787, 0.3396, 0.3063 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(214, 167, 186)` looks like.

```
.text, #text, p{  
    color:rgb(214, 167, 186)  
}
```

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(214, 167, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 167, 186) }
```

Border

The CSS property to change the border of an element to Yxy 45.4787, 0.3396, 0.3063 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(214, 167, 186) }
```

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

```
.border{ border-color:rgb(214, 167, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 167, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 167, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 167, 186);  
box-shadow:4px 4px 4px 4px rgb(214, 167,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 45.4787, 0.3396, 0.3063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 167, 186) }
```

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

```
.background{ background-color: rgb(214,  
167, 186) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor