

Converting Colors

$Y_{xy}(44.7296, 0.3391, 0.2881)$

Have a look what the booklet for
Yxy(44.7296, 0.3391, 0.2881)
contains.

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Color

Yxy(44.6567, 0.3389, 0.2874)

Conversions

Conversions Part 1

Format	Color
Hex	DEA0C4
RGB	222, 160, 196
RGB Percent	87%, 63%, 77%
CMY	0.1294, 0.3725, 0.2314
CMYK	0.00, 0.28, 0.12, 0.13
HSL	325°, 48%, 75%
HSV	325°, 28%, 87%
XYZ	52.6589, 44.6567, 58.0661
YIQ	182.6420, 25.3960, 24.3400

Conversions

Conversions Part 2

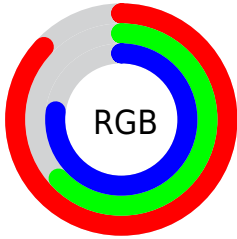
Format	Color
R _Y B	222, 160, 196
Decimal	14590148
CIE Lab	72.67, 28.48, -9.32
CIE LCh	73, 29.966, 341.886
Yxy	44.6567, 0.3389, 0.2874
Android (android.graphics.Color)	4292780228 (0xFFDEA0C4)
YUV	182.6420, 6.5855, 34.5170
Hunter-Lab	66.8257, 23.7137, -4.7403

Details

The Yxy color $44.6567, 0.3389, 0.2874$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $63.2638, 0.2931, 0.3748$, and the grayscale version is $47.1017, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.9527, 0.3159, 0.2919$, and $20.7851, 0.3463, 0.2772$ is the 20% darker color. If you saturate the color by 10%, you get $37.2253, 0.3517, 0.2721$, and if you desaturate by 10%, it is $53.4928, 0.3280, 0.3028$.

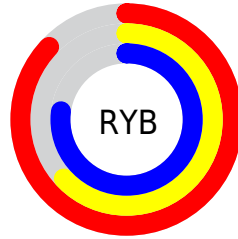
Distribution



Red (87%)

Green (63%)

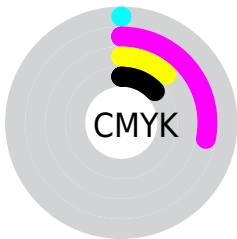
Blue (77%)



Red (87%)

Yellow (63%)

Blue (77%)

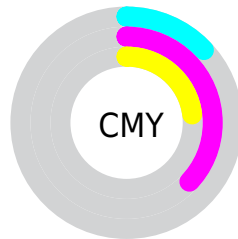


Cyan (0%)

Magenta (28%)

Yellow (12%)

Black (13%)



Cyan (13%)

Magenta (37%)

Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.6567, 0.3389, 0.2874 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 44.6567, 0.3389, 0.2874 by changing the saturation by 10% instead.


 44.6567, 0.3389,
0.2874


 44.6567, 0.3389,
0.2874


365.3814, 0.3261,
0.3076

 31.1871, 0.3420,
0.2825


 82.2050, 0.3343,
0.2946

 20.7414, 0.3460,
0.2763


 107.0525, 0.3325,
0.2974

 12.9351, 0.3512,
0.2683


136.4615, 0.3311,
0.2997

 7.3839, 0.3584,
0.2573

170.8162, 0.3298,
0.3017

 3.7033, 0.3687,
0.2417

210.5012, 0.3287,
0.3035

 1.5090, 0.3851,
0.2174

255.9008, 0.3277,

 0.2951, 0.4367,

0.3051

0.1311

307.3994, 0.3268,
0.3064

0.0000, 0.0000,
0.0000

44.6567, 0.3389,
0.2874

44.6567, 0.3389,
0.2874

37.2253, 0.3517,
0.2721

53.4928, 0.3280,
0.3028

31.1190, 0.3665,
0.2574

63.7956, 0.3189,
0.3177

26.2592, 0.3832,
0.2445

75.6310, 0.3112,
0.3319

22.5569, 0.4016,
0.2345

89.0588, 0.3049,
0.3451

19.9108, 0.4211,
0.2285

93.4945, 0.2996,
0.3416

■ 18.2020, 0.4409,
0.2276

■ 94.0701, 0.2946,
0.3321

■ 17.2635, 0.4601,
0.2319

■ 94.2701, 0.2929,
0.3289

■ 17.1118, 0.4641,
0.2331

Harmonies

Analogous

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



44.6567, 0.2957, 0.2669



44.6567, 0.3389, 0.2874



44.6567, 0.3768, 0.3176

Triad

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



44.6567, 0.3389, 0.2874



44.6567, 0.3650, 0.4032



44.6567, 0.2356, 0.2969

Complementary

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



44.6567, 0.3389, 0.2874



63.2638, 0.2931, 0.3748

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.



44.6567, 0.2515, 0.3362



44.6567, 0.3389, 0.2874



44.6567, 0.3252, 0.4021

Square

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



44.6567, 0.3389, 0.2874



44.6567, 0.3917, 0.3834



44.6567, 0.2838, 0.3766



44.6567, 0.2385, 0.2702

Rectangle

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



44.6567, 0.3389, 0.2874



44.6567, 0.3926, 0.3404



44.6567, 0.2838, 0.3766



44.6567, 0.2389, 0.3090

Sweetspot

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



44.6587, 0.3389, 0.2874



87.1289, 0.3190, 0.3175



40.8361, 0.2849, 0.2531



18.1639, 0.3203, 0.3153



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.



44.6587, 0.3389, 0.2874



54.4713, 0.3468, 0.2776



43.3962, 0.3685, 0.3230



13.8333, 0.3202, 0.3155



10.1865, 0.4614, 0.2316



0.7238, 0.4339, 0.2164

Inverse Universe

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



44.6587, 0.3389, 0.2874



54.4713, 0.3468, 0.2776



64.7194, 0.2752, 0.3352



13.8333, 0.3202, 0.3155



10.1865, 0.4614, 0.2316



0.7238, 0.4339, 0.2164

Previews

White Background



This preview shows how the Yxy color 44.6567, 0.3389, 0.2874 looks on a white background.

Color Contrast Check

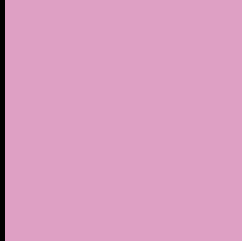
Large Text (above 18pt) WCAG AA × Fail

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 44.6567, 0.3389, 0.2874 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

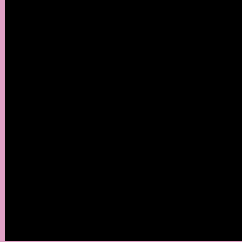
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.6567, 0.3389, 0.2874

Background



This preview shows how black text looks on a background with the Yxy color 44.6567, 0.3389, 0.2874.



This preview shows how white text looks on a background with the Yxy color 44.6567, 0.3389, 0.2874.

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

44.6567, 0.3389, 0.2874

Protanopia

44.8335, 0.2864, 0.2904

Deuteranopia

44.9412, 0.3104, 0.3049



Tritanopia

44.9012, 0.3550, 0.3149

Trichromacy



Original Color

44.6567, 0.3389, 0.2874

Protanomaly

44.5140, 0.3041, 0.2891

Deuteranomaly

44.6885, 0.3204, 0.2983

Tritanomaly

44.9854, 0.3496, 0.3056

Monochromacy



Original Color

44.6567, 0.3389, 0.2874

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

46.1611, 0.3214, 0.3128

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.6567, 0.3389, 0.2874 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(222, 160, 196)` looks like.

```
.text, #text, p{  
    color:rgb(222, 160, 196)  
}
```

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(222, 160, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 160, 196) }
```

Border

The CSS property to change the border of an element to Yxy 44.6567, 0.3389, 0.2874 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(222, 160, 196) }
```

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

```
.border{ border-color:rgb(222, 160, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 160, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(222, 160, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(222, 160, 196); box-shadow:4px 4px 4px 4px rgb(222, 160, 196) }
```


Background

The CSS property to change the background color of an element to Yxy 44.6567, 0.3389, 0.2874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 160, 196) }
```

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

```
.background{ background-color: rgb(222,  
160, 196) }
```

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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