

Converting Colors

$Yxy(44.7754, 0.3555, 0.3233)$

Have a look what the booklet for
Yxy(44.7754, 0.3555, 0.3233)
contains.

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Color

Yxy(44.8116, 0.3555, 0.3231)

Conversions

Conversions Part 1

Format	Color
Hex	D8A6AB
RGB	216, 166, 171
RGB Percent	85%, 65%, 67%
CMY	0.1529, 0.3490, 0.3294
CMYK	0.00, 0.23, 0.21, 0.15
HSL	354°, 39%, 75%
HSV	354°, 23%, 85%
XYZ	49.3052, 44.8116, 44.5758
YIQ	181.5200, 28.1950, 12.1550

Conversions

Conversions Part 2

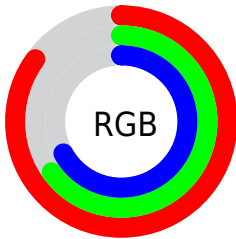
Format	Color
RYB	216, 166, 171
Decimal	14198443
CIELab	72.77, 19.13, 4.54
CIELCh	73, 19.662, 13.356
Yxy	44.8116, 0.3555, 0.3231
Android (android.graphics.Color)	4292388523 (0xFFD8A6AB)
YUV	181.5200, -5.1864, 30.2390
Hunter-Lab	66.9415, 14.3253, 7.3783

Details

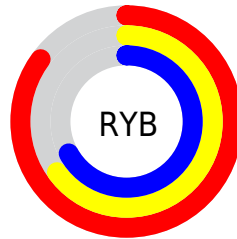
The Yxy color **44.8116, 0.3555, 0.3231** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **61.9232, 0.2816, 0.3351**, and the grayscale version is **46.5228, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.4639, 0.3338, 0.3241**, and **20.8401, 0.3674, 0.3211** is the 20% darker color. If you saturate the color by 10%, you get **36.9210, 0.3817, 0.3204**, and if you desaturate by 10%, it is **54.1342, 0.3343, 0.3258**.

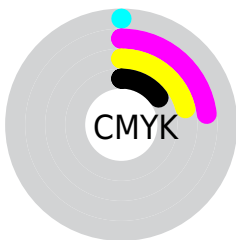
Distribution



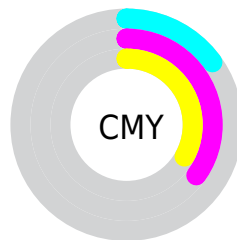
- Red (85%)
- Green (65%)
- Blue (67%)



- Red (85%)
- Yellow (65%)
- Blue (67%)



- Cyan (0%)
- Magenta (23%)
- Yellow (21%)
- Black (15%)





- Cyan (15%)
- Magenta (35%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.8116, 0.3555, 0.3231 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 44.8116, 0.3555, 0.3231 by changing the saturation by 10% instead.


 44.8116, 0.3555,
0.3231

 44.8116, 0.3555,
0.3231

366.0100, 0.3338,
0.3263

 31.3091, 0.3610,
0.3222


 82.4376, 0.3476,
0.3243

 20.8343, 0.3681,
0.3210


 107.3299, 0.3446,
0.3248

 13.0029, 0.3776,
0.3194


136.7875, 0.3421,
0.3251

 7.4306, 0.3911,
0.3169

171.1949, 0.3400,
0.3255

 3.7328, 0.4115,
0.3128

210.9365, 0.3381,
0.3257

 1.5252, 0.4459,
0.3051

256.3966, 0.3365,

 0.3064, 0.7016,

0.3260

0.2835

307.9596, 0.3351,
0.3261

0.0000, 0.0000,
0.0000

44.8116, 0.3555,
0.3231

44.8116, 0.3555,
0.3231

36.9210, 0.3817,
0.3204

54.1342, 0.3343,
0.3258

30.3856, 0.4138,
0.3179

64.9484, 0.3173,
0.3283

25.1310, 0.4519,
0.3159

77.3178, 0.3037,
0.3306

21.0729, 0.4951,
0.3148

91.3005, 0.2927,
0.3327

18.1170, 0.5404,
0.3152

93.3390, 0.2894,
0.3289

■ 16.1549, 0.5825,
0.3175

■ 15.0558, 0.6150,
0.3216

■ 14.6552, 0.6299,
0.3244

Harmonies

Analogous

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



44.8116, 0.3315, 0.3020



44.8116, 0.3555, 0.3231



44.8116, 0.3676, 0.3464

Triad

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



44.8116, 0.3555, 0.3231



44.8116, 0.3203, 0.3753



44.8116, 0.2634, 0.2897

Complementary

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



44.8116, 0.3555, 0.3231



61.9232, 0.2816, 0.3351

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.



44.8116, 0.2608, 0.3076



44.8116, 0.3555, 0.3231



44.8116, 0.2928, 0.3584

Square

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



44.8116, 0.3555, 0.3231



44.8116, 0.3465, 0.3779



44.8116, 0.2713, 0.3329



44.8116, 0.2786, 0.2829

Rectangle

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



44.8116, 0.3555, 0.3231



44.8116, 0.3670, 0.3606



44.8116, 0.2713, 0.3329



44.8116, 0.2611, 0.2946

Sweetspot

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



44.8137, 0.3555, 0.3231



88.1432, 0.3236, 0.3273



46.0815, 0.3111, 0.2710



18.6587, 0.3246, 0.3271



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.



44.8137, 0.3555, 0.3231



59.1245, 0.3682, 0.3217



52.4717, 0.3549, 0.3530



12.4407, 0.3276, 0.3267



8.6817, 0.6277, 0.3232



0.5307, 0.5955, 0.3054

Inverse Universe

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



44.8137, 0.3555, 0.3231



59.1245, 0.3682, 0.3217



52.5465, 0.2767, 0.3037



12.4407, 0.3276, 0.3267



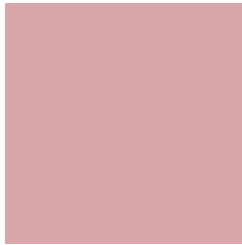
8.6817, 0.6277, 0.3232



0.5307, 0.5955, 0.3054

Previews

White Background



This preview shows how the Yxy color 44.8116, 0.3555, 0.3231 looks on a white background.

Color Contrast Check

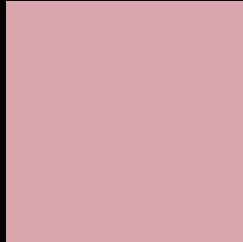
Large Text (above 18pt) WCAG AA × Fail

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 44.8116, 0.3555, 0.3231 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 44.8116, 0.3555, 0.3231

Background



This preview shows how black text looks on a background with the Yxy color 44.8116, 0.3555, 0.3231.



This preview shows how white text looks on a background with the Yxy color 44.8116, 0.3555, 0.3231.

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

44.8116, 0.3555, 0.3231

Protanopia

45.0002, 0.3162, 0.3290

Deuteranopia

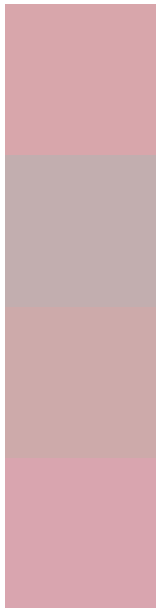
44.9315, 0.3390, 0.3329



Tritanopia

44.8763, 0.3501, 0.3136

Trichromacy



Original Color

44.8116, 0.3555, 0.3231

Protanomaly

44.8366, 0.3299, 0.3278

Deuteranomaly

44.6309, 0.3451, 0.3291

Tritanomaly

44.7571, 0.3529, 0.3171

Monochromacy



Original Color

44.8116, 0.3555, 0.3231

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

45.7344, 0.3270, 0.3265

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.8116, 0.3555, 0.3231 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(216, 166, 171)` looks like.

```
.text, #text, p{  
    color:rgb(216, 166, 171)  
}
```

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(216, 166, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 166, 171) }
```

Border

The CSS property to change the border of an element to Yxy 44.8116, 0.3555, 0.3231 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(216, 166, 171) }
```

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

```
.border{ border-color:rgb(216, 166, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 166, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 166, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 166, 171);  
box-shadow:4px 4px 4px 4px rgb(216, 166,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 44.8116, 0.3555, 0.3231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 166, 171) }
```

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

```
.background{ background-color: rgb(216,  
166, 171) }
```

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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