

Converting Colors

$Yxy(44.7546, 0.3565, 0.3207)$

Have a look what the booklet for
Yxy(44.7546, 0.3565, 0.3207)
contains.

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Color

Yxy(44.7943, 0.3567, 0.3207)

Conversions

Conversions Part 1

Format	Color
Hex	DAA5AC
RGB	218, 165, 172
RGB Percent	85%, 65%, 67%
CMY	0.1450, 0.3530, 0.3254
CMYK	0.00, 0.24, 0.21, 0.14
HSL	352°, 42%, 75%
HSV	352°, 24%, 86%
XYZ	49.8227, 44.7943, 45.0597
YIQ	181.6450, 29.3410, 13.4130

Conversions

Conversions Part 2

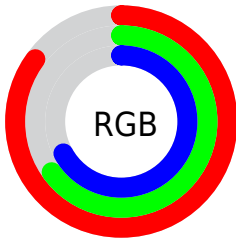
Format	Color
R _{YB}	218, 165, 172
Decimal	14329260
CIE Lab	72.76, 20.58, 3.99
CIE LCh	73, 20.962, 10.964
Yxy	44.7943, 0.3567, 0.3207
Android (android.graphics.Color)	4292519340 (0xFFDAA5AC)
YUV	181.6450, -4.7550, 31.8833
Hunter-Lab	66.9285, 15.7533, 6.9329

Details

The Yxy color **44.7943, 0.3567, 0.3207** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **62.8591, 0.2811, 0.3376**, and the grayscale version is **46.5929, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.9925, 0.3332, 0.3221**, and **20.8477, 0.3691, 0.3180** is the 20% darker color. If you saturate the color by 10%, you get **36.9149, 0.3825, 0.3171**, and if you desaturate by 10%, it is **54.1219, 0.3358, 0.3243**.

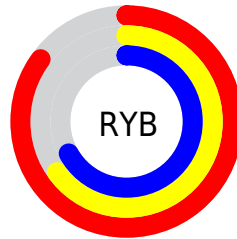
Distribution



Red (85%)

Green (65%)

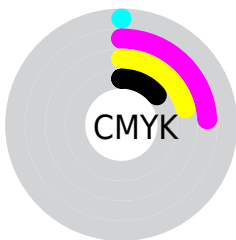
Blue (67%)



Red (85%)

Yellow (65%)

Blue (67%)

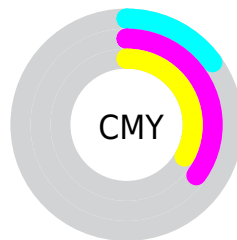


Cyan (0%)

Magenta (24%)

Yellow (21%)

Black (14%)



Cyan (15%)


Magenta (35%)

Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.7943, 0.3567, 0.3207 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 44.7943, 0.3567, 0.3207 by changing the saturation by 10% instead.


 44.7943, 0.3567,
0.3207


 44.7943, 0.3567,
0.3207


365.9398, 0.3344,
0.3251

 31.2954, 0.3623,
0.3195


 82.4117, 0.3485,
0.3224

 20.8239, 0.3696,
0.3179


 107.2989, 0.3455,
0.3230

 12.9954, 0.3794,
0.3158


136.7511, 0.3429,
0.3235

 7.4253, 0.3932,
0.3126

171.1526, 0.3408,
0.3239

 3.7295, 0.4141,
0.3075

210.8879, 0.3389,
0.3243

 1.5234, 0.4493,
0.2982

256.3412, 0.3372,


 0.3051, 0.6884,


0.3246

0.2651


307.8971, 0.3357,
0.3249


 0.0000, 0.0000,
0.0000


 44.7943, 0.3567,
0.3207


 44.7943, 0.3567,
0.3207


 36.9149, 0.3825,
0.3171


 54.1219, 0.3358,
0.3243


 30.4052, 0.4140,
0.3138


 64.9589, 0.3189,
0.3276


 25.1886, 0.4514,
0.3111

 77.3701, 0.3054,
0.3307

 21.1787, 0.4935,
0.3096

 91.4152, 0.2944,
0.3336

 18.2782, 0.5377,
0.3102

 93.6498, 0.2906,
0.3289

■ 16.3749, 0.5790,
0.3131

■ 15.3325, 0.6113,
0.3184

■ 14.9980, 0.6246,
0.3215

Harmonies

Analogous

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



44.7943, 0.3304, 0.2987



44.7943, 0.3567, 0.3207



44.7943, 0.3708, 0.3455

Triad

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



44.7943, 0.3567, 0.3207



44.7943, 0.3230, 0.3793



44.7943, 0.2595, 0.2882

Complementary

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



44.7943, 0.3567, 0.3207



62.8591, 0.2811, 0.3376

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.



44.7943, 0.2579, 0.3080



44.7943, 0.3567, 0.3207



44.7943, 0.2936, 0.3624

Square

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



44.7943, 0.3567, 0.3207



44.7943, 0.3506, 0.3807



44.7943, 0.2701, 0.3354



44.7943, 0.2746, 0.2801

Rectangle

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



44.7943, 0.3567, 0.3207



44.7943, 0.3711, 0.3609



44.7943, 0.2701, 0.3354



44.7943, 0.2574, 0.2937

Sweetspot

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



44.7964, 0.3567, 0.3207



88.1778, 0.3232, 0.3267



45.8132, 0.3094, 0.2676



18.6667, 0.3242, 0.3265



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.



44.7964, 0.3567, 0.3207



58.0831, 0.3688, 0.3189



52.0895, 0.3580, 0.3522



13.0795, 0.3271, 0.3259



8.9917, 0.6221, 0.3201



0.5919, 0.5850, 0.2996

Inverse Universe

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



44.7964, 0.3567, 0.3207



58.0831, 0.3688, 0.3189



53.7164, 0.2750, 0.3046



13.0795, 0.3271, 0.3259



8.9917, 0.6221, 0.3201



0.5919, 0.5850, 0.2996

Previews

White Background



This preview shows how the Yxy color 44.7943, 0.3567, 0.3207 looks on a white background.

Color Contrast Check

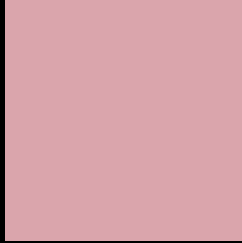
Large Text (above 18pt) WCAG AA × Fail

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 44.7943, 0.3567, 0.3207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

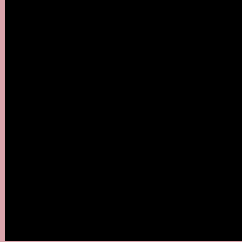
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.7943, 0.3567, 0.3207

Background



This preview shows how black text looks on a background with the Yxy color 44.7943, 0.3567, 0.3207.



This preview shows how white text looks on a background with the Yxy color 44.7943, 0.3567, 0.3207.

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

44.7943, 0.3567, 0.3207

Protanopia

45.0405, 0.3154, 0.3277

Deuteranopia

44.9695, 0.3381, 0.3316



Tritanopia

44.7853, 0.3531, 0.3136

Trichromacy



Original Color

44.7943, 0.3567, 0.3207

Protanomaly

44.6238, 0.3300, 0.3252

Deuteranomaly

44.8115, 0.3452, 0.3279

Tritanomaly

44.7061, 0.3550, 0.3160

Monochromacy



Original Color

44.7943, 0.3567, 0.3207

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

45.8671, 0.3279, 0.3265

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.7943, 0.3567, 0.3207 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(218, 165, 172)` looks like.

```
.text, #text, p{  
    color:rgb(218, 165, 172)  
}
```

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(218, 165, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 165, 172) }
```

Border

The CSS property to change the border of an element to Yxy 44.7943, 0.3567, 0.3207 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(218, 165, 172) }
```

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

```
.border{ border-color:rgb(218, 165, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 165, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 165, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 165, 172);  
box-shadow:4px 4px 4px 4px rgb(218, 165,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 44.7943, 0.3567, 0.3207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 165, 172) }
```

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

```
.background{ background-color: rgb(218,  
165, 172) }
```

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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