

Converting Colors

$Yxy(44.8026, 0.3601, 0.3234)$

Have a look what the booklet for
Yxy(44.8026, 0.3601, 0.3234)
contains.

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Color

Yxy(44.8726, 0.3595, 0.3232)

Conversions

Conversions Part 1

Format	Color
Hex	DBA5AA
RGB	219, 165, 170
RGB Percent	86%, 65%, 67%
CMY	0.1414, 0.3528, 0.3334
CMYK	0.00, 0.25, 0.22, 0.14
HSL	354°, 43%, 75%
HSV	354°, 25%, 86%
XYZ	49.9124, 44.8726, 44.0535
YIQ	181.7160, 30.5790, 13.0030

Conversions

Conversions Part 2

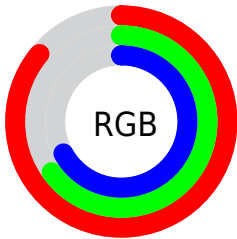
Format	Color
R _Y B	219, 165, 170
Decimal	14394794
CIE Lab	72.81, 20.60, 5.19
CIE LCh	73, 21.243, 14.152
Yxy	44.8726, 0.3595, 0.3232
Android (android.graphics.Color)	4292584874 (0xFFDBA5AA)
YUV	181.7160, -5.7760, 32.6981
Hunter-Lab	66.9870, 15.7742, 7.8993

Details

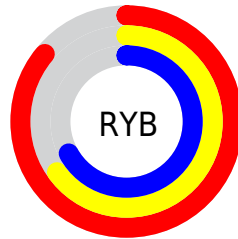
The Yxy color **44.8726, 0.3595, 0.3232** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **63.4953, 0.2795, 0.3350**, and the grayscale version is **46.6356, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.8826, 0.3346, 0.3241**, and **20.9048, 0.3731, 0.3212** is the 20% darker color. If you saturate the color by 10%, you get **36.9427, 0.3868, 0.3207**, and if you desaturate by 10%, it is **54.2725, 0.3374, 0.3257**.

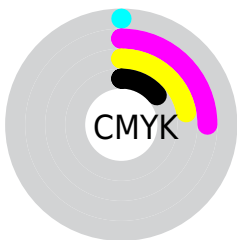
Distribution



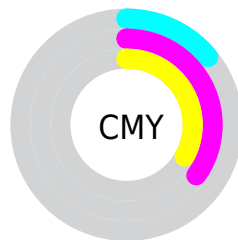
- Red (86%)
- Green (65%)
- Blue (67%)



- Red (86%)
- Yellow (65%)
- Blue (67%)



- Cyan (0%)
- Magenta (25%)
- Yellow (22%)
- Black (14%)




- Cyan (14%)
- Magenta (35%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.8726, 0.3595, 0.3232 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 44.8726, 0.3595, 0.3232 by changing the saturation by 10% instead.


 44.8726, 0.3595,
0.3232

 44.8726, 0.3595,
0.3232

366.2573, 0.3358,
0.3264

 31.3571, 0.3655,
0.3223


 82.5292, 0.3508,
0.3244

 20.8709, 0.3733,
0.3211

 107.4391, 0.3476,
0.3249

 13.0297, 0.3837,
0.3193


136.9159, 0.3449,
0.3253

 7.4490, 0.3984,
0.3167

171.3440, 0.3425,
0.3256

 3.7444, 0.4207,
0.3124

211.1078, 0.3405,
0.3258

 1.5317, 0.4581,
0.3041

256.5917, 0.3387,

 0.3109, 0.7197,

0.3261

0.2803

308.1801, 0.3372,
0.3263

0.0000, 0.0000,
0.0000

44.8726, 0.3595,
0.3232

44.8726, 0.3595,
0.3232

36.9427, 0.3868,
0.3207

54.2725, 0.3374,
0.3257

30.4028, 0.4202,
0.3185

65.2051, 0.3197,
0.3280

25.1745, 0.4595,
0.3167

77.7367, 0.3055,
0.3301

21.1692, 0.5037,
0.3160

91.9280, 0.2940,
0.3321

18.2873, 0.5492,
0.3167

93.7927, 0.2911,
0.3289

■ 16.4135, 0.5902,
0.3191

■ 15.4079, 0.6202,
0.3232

■ 15.1037, 0.6311,
0.3250

Harmonies

Analogous

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



44.8726, 0.3338, 0.3005



44.8726, 0.3595, 0.3232



44.8726, 0.3722, 0.3483

Triad

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



44.8726, 0.3595, 0.3232



44.8726, 0.3199, 0.3789



44.8726, 0.2599, 0.2862

Complementary

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



44.8726, 0.3595, 0.3232



63.4953, 0.2795, 0.3350

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.



44.8726, 0.2567, 0.3051



44.8726, 0.3595, 0.3232



44.8726, 0.2904, 0.3602

Square

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



44.8726, 0.3595, 0.3232



44.8726, 0.3485, 0.3819



44.8726, 0.2676, 0.3324



44.8726, 0.2765, 0.2794

Rectangle

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



44.8726, 0.3595, 0.3232



44.8726, 0.3712, 0.3635



44.8726, 0.2676, 0.3324



44.8726, 0.2573, 0.2913

Sweetspot

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



44.8747, 0.3595, 0.3232



88.1349, 0.3236, 0.3274



46.2622, 0.3109, 0.2671



18.6568, 0.3247, 0.3273



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.



44.8747, 0.3595, 0.3232



56.8255, 0.3742, 0.3218



53.1405, 0.3582, 0.3546



13.0709, 0.3277, 0.3269



8.9672, 0.6291, 0.3239



0.5878, 0.6005, 0.3082

Inverse Universe

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



44.8747, 0.3595, 0.3232



56.8255, 0.3742, 0.3218



53.2207, 0.2743, 0.3019



13.0709, 0.3277, 0.3269



8.9672, 0.6291, 0.3239



0.5878, 0.6005, 0.3082

Previews

White Background



This preview shows how the Yxy color 44.8726, 0.3595, 0.3232 looks on a white background.

Color Contrast Check

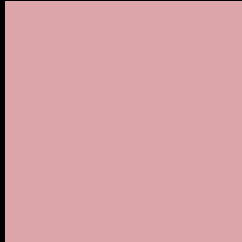
Large Text (above 18pt) WCAG AA × Fail

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 44.8726, 0.3595, 0.3232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

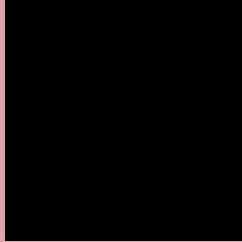
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.8726, 0.3595, 0.3232

Background



This preview shows how black text looks on a background with the Yxy color 44.8726, 0.3595, 0.3232.



This preview shows how white text looks on a background with the Yxy color 44.8726, 0.3595, 0.3232.

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

44.8726, 0.3595, 0.3232

Protanopia

44.9602, 0.3170, 0.3303

Deuteranopia

45.0311, 0.3408, 0.3342



Tritanopia

44.9409, 0.3541, 0.3137

Trichromacy



Original Color

44.8726, 0.3595, 0.3232

Protanomaly

44.5452, 0.3318, 0.3278

Deuteranomaly

44.8794, 0.3479, 0.3303

Tritanomaly

44.8226, 0.3569, 0.3172

Monochromacy



Original Color

44.8726, 0.3595, 0.3232

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 44.8726, 0.3595, 0.3232 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(219, 165, 170)` looks like.

```
.text, #text, p{  
    color:rgb(219, 165, 170)  
}
```

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(219, 165, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 165, 170) }
```

Border

The CSS property to change the border of an element to Yxy 44.8726, 0.3595, 0.3232 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(219, 165, 170) }
```

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

```
.border{ border-color:rgb(219, 165, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 165, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 165, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 165, 170);  
box-shadow:4px 4px 4px 4px rgb(219, 165,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 44.8726, 0.3595, 0.3232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 165, 170) }
```

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

```
.background{ background-color: rgb(219,  
165, 170) }
```

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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