

Converting Colors

$Yxy(43.6484, 0.3594, 0.3195)$

Have a look what the booklet for
Yxy(43.6484, 0.3594, 0.3195)
contains.

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Color

Yxy(43.6484, 0.3594, 0.3195)

Conversions

Conversions Part 1

Format	Color
Hex	DAA2AA
RGB	218, 162, 170
RGB Percent	85%, 64%, 67%
CMY	0.1449, 0.3648, 0.3333
CMYK	0.00, 0.26, 0.22, 0.14
HSL	351°, 43%, 75%
HSV	351°, 26%, 86%
XYZ	49.0993, 43.6484, 43.8670
YIQ	179.6560, 30.8080, 14.3600

Conversions

Conversions Part 2

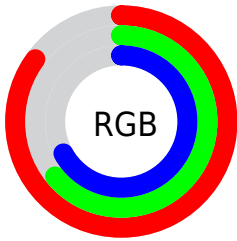
Format	Color
R _Y B	218, 162, 170
Decimal	14328490
CIE Lab	71.99, 21.91, 4.00
CIE LCh	72, 22.271, 10.340
Yxy	43.6484, 0.3594, 0.3195
Android (android.graphics.Color)	4292518570 (0xFFDAA2AA)
YUV	179.6560, -4.7604, 33.6277
Hunter-Lab	66.0669, 17.0397, 6.8796

Details

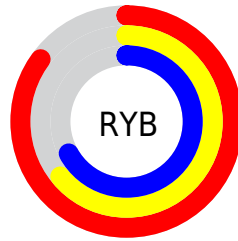
The Yxy color **43.6484, 0.3594, 0.3195** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **62.5008, 0.2798, 0.3388**, and the grayscale version is **45.4637, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.3220, 0.3350, 0.3210**, and **20.1412, 0.3730, 0.3164** is the 20% darker color. If you saturate the color by 10%, you get **35.9662, 0.3856, 0.3156**, and if you desaturate by 10%, it is **52.7670, 0.3381, 0.3234**.

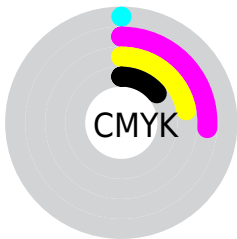
Distribution



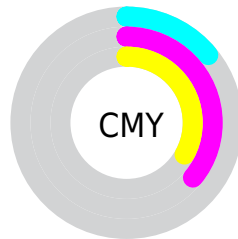
- Red (85%)
- Green (64%)
- Blue (67%)



- Red (85%)
- Yellow (64%)
- Blue (67%)



- Cyan (0%)
- Magenta (26%)
- Yellow (22%)
- Black (14%)





- Cyan (14%)
- Magenta (36%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.6484, 0.3594, 0.3195 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 43.6484, 0.3594, 0.3195 by changing the saturation by 10% instead.


 43.6484, 0.3594,
0.3195

 43.6484, 0.3594,
0.3195


361.2716, 0.3357,
0.3246

 30.3942, 0.3654,
0.3181


 80.6884, 0.3507,
0.3214

 20.1380, 0.3733,
0.3163


 105.2430, 0.3474,
0.3221

 12.4954, 0.3838,
0.3138


134.3332, 0.3447,
0.3227

 7.0820, 0.3987,
0.3102

168.3433, 0.3424,
0.3232

 3.5134, 0.4215,
0.3043

207.6578, 0.3404,
0.3236

 1.4053, 0.4601,
0.2934

252.6611, 0.3386,

 0.2206, 0.7714,

0.3240

0.2286

303.7376, 0.3371,
0.3243

0.0000, 0.0000,
0.0000

43.6484, 0.3594,
0.3195

43.6484, 0.3594,
0.3195

35.9662, 0.3856,
0.3156

52.7670, 0.3381,
0.3234

29.6414, 0.4175,
0.3121

63.3836, 0.3210,
0.3270

24.5965, 0.4551,
0.3093

75.5638, 0.3072,
0.3304

20.7439, 0.4973,
0.3079

89.3673, 0.2960,
0.3335

17.9849, 0.5411,
0.3087

93.6524, 0.2906,
0.3289

■ 16.2049, 0.5814,
0.3122

■ 15.2632, 0.6125,
0.3180

■ 15.0122, 0.6227,
0.3204

Harmonies

Analogous

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



43.6484, 0.3309, 0.2963



43.6484, 0.3594, 0.3195



43.6484, 0.3749, 0.3459

Triad

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



43.6484, 0.3594, 0.3195



43.6484, 0.3243, 0.3833



43.6484, 0.2557, 0.2856

Complementary

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



43.6484, 0.3594, 0.3195



62.5008, 0.2798, 0.3388

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.



43.6484, 0.2543, 0.3069



43.6484, 0.3594, 0.3195



43.6484, 0.2928, 0.3654

Square

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



43.6484, 0.3594, 0.3195



43.6484, 0.3538, 0.3842



43.6484, 0.2675, 0.3364



43.6484, 0.2715, 0.2768

Rectangle

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



43.6484, 0.3594, 0.3195



43.6484, 0.3754, 0.3625



43.6484, 0.2675, 0.3364



43.6484, 0.2536, 0.2915

Sweetspot

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



43.6504, 0.3594, 0.3195



86.5925, 0.3247, 0.3262



44.5484, 0.3083, 0.2639



18.0294, 0.3272, 0.3256



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.



43.6504, 0.3594, 0.3195



55.8897, 0.3733, 0.3173



50.8155, 0.3614, 0.3525



13.0817, 0.3269, 0.3257



8.9992, 0.6200, 0.3189



0.5929, 0.5811, 0.2975

Inverse Universe

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



43.6504, 0.3594, 0.3195



55.8897, 0.3733, 0.3173



53.3267, 0.2729, 0.3042



13.0817, 0.3269, 0.3257



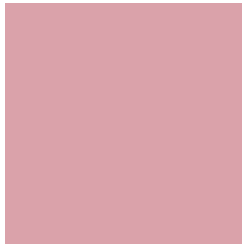
8.9992, 0.6200, 0.3189



0.5929, 0.5811, 0.2975

Previews

White Background



This preview shows how the Yxy color 43.6484, 0.3594, 0.3195 looks on a white background.

Color Contrast Check

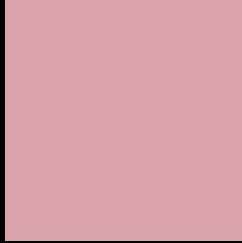
Large Text (above 18pt) WCAG AA × Fail

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 43.6484, 0.3594, 0.3195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

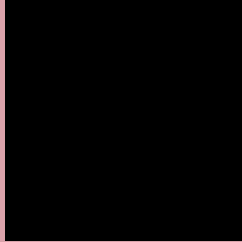
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.6484, 0.3594, 0.3195

Background



This preview shows how black text looks on a background with the Yxy color 43.6484, 0.3594, 0.3195.



This preview shows how white text looks on a background with the Yxy color 43.6484, 0.3594, 0.3195.

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

43.6484, 0.3594, 0.3195

Protanopia

43.8487, 0.3137, 0.3263

Deuteranopia

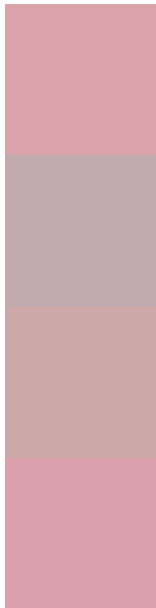
43.8233, 0.3393, 0.3329



Tritanopia

43.4512, 0.3557, 0.3135

Trichromacy



Original Color

43.6484, 0.3594, 0.3195

Protanomaly

43.5584, 0.3294, 0.3239

Deuteranomaly

43.8490, 0.3465, 0.3278

Tritanomaly

43.4123, 0.3567, 0.3147

Monochromacy



Original Color

43.6484, 0.3594, 0.3195

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

44.4911, 0.3291, 0.3252

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.6484, 0.3594, 0.3195 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, 162, 170)` looks like.

```
.text, #text, p{  
    color:rgb(218, 162, 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(218, 162, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 162, 170) }
```

Border

The CSS property to change the border of an element to Yxy 43.6484, 0.3594, 0.3195 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, 162, 170) }
```

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

```
.border{ border-color:rgb(218, 162, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 162, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 162, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 162, 170);  
box-shadow:4px 4px 4px 4px rgb(218, 162,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 43.6484, 0.3594, 0.3195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 162, 170) }
```

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

```
.background{ background-color: rgb(218,  
162, 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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