

Converting Colors

$Yxy(41.7609, 0.3681, 0.3148)$

Have a look what the booklet for
Yxy(41.7609, 0.3681, 0.3148)
contains.

Yxy(41.7623, 0.3681, 0.3149)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(41.7623, 0.3681, 0.3149)

Conversions

Conversions Part 1

Format	Color
Hex	DE9BA7
RGB	222, 155, 167
RGB Percent	87%, 61%, 65%
CMY	0.1294, 0.3921, 0.3451
CMYK	0.00, 0.30, 0.25, 0.13
HSL	349°, 50%, 74%
HSV	349°, 30%, 87%
XYZ	48.8177, 41.7623, 42.0408
YIQ	176.4010, 36.0800, 17.9360

Conversions

Conversions Part 2

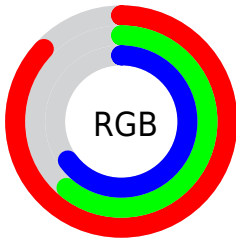
Format	Color
R _Y B	222, 155, 167
Decimal	14588839
CIE Lab	70.71, 26.68, 3.86
CIE LCh	71, 26.962, 8.229
Yxy	41.7623, 0.3681, 0.3149
Android (android.graphics.Color)	4292778919 (0xFFDE9BA7)
YUV	176.4010, -4.6347, 39.9903
Hunter-Lab	64.6238, 21.7499, 6.6657

Details

The Yxy color **41.7623, 0.3681, 0.3149** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **63.8619, 0.2760, 0.3438**, and the grayscale version is **43.6475, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.6271, 0.3381, 0.3170**, and **19.0453, 0.3857, 0.3104** is the 20% darker color. If you saturate the color by 10%, you get **34.4141, 0.3955, 0.3101**, and if you desaturate by 10%, it is **50.5677, 0.3457, 0.3198**.

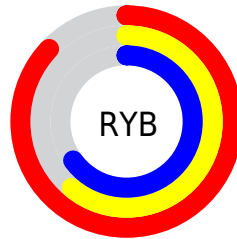
Distribution



Red (87%)

Green (61%)

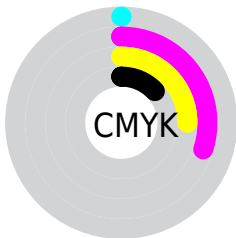
Blue (65%)



Red (87%)

Yellow (61%)

Blue (65%)

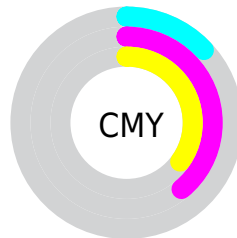


Cyan (0%)

Magenta (30%)

Yellow (25%)

Black (13%)



Cyan (13%)


Magenta (39%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.7623, 0.3681, 0.3149 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 41.7623, 0.3681, 0.3149 by changing the saturation by 10% instead.


 41.7623, 0.3681,
0.3149

 41.7623, 0.3681,
0.3149


353.4966, 0.3398,
0.3224

 28.9152, 0.3754,
0.3129


 77.8397, 0.3577,
0.3177

 19.0167, 0.3848,
0.3102


 101.8389, 0.3538,
0.3187

 11.6823, 0.3976,
0.3066


130.3242, 0.3505,
0.3196

 6.5278, 0.4158,
0.3012

163.6800, 0.3477,
0.3203

 3.1686, 0.4438,
0.2925

202.2908, 0.3453,
0.3210

 1.2204, 0.4916,
0.2767

246.5409, 0.3432,

 0.0782, 0.9027,

0.3215

0.0973

296.8147, 0.3414,
0.3220

0.0000, 0.0000,
0.0000

41.7623, 0.3681,
0.3149

41.7623, 0.3681,
0.3149

34.4141, 0.3955,
0.3101

50.5677, 0.3457,
0.3198

28.4388, 0.4284,
0.3059

60.8970, 0.3276,
0.3245

23.7524, 0.4666,
0.3029

72.8198, 0.3129,
0.3289

20.2592, 0.5084,
0.3020

86.3998, 0.3011,
0.3330

17.8504, 0.5504,
0.3040

94.2683, 0.2929,
0.3289

■ 16.3967, 0.5876,
0.3092

■ 15.6795, 0.6152,
0.3163

Harmonies

Analogous

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



41.7623, 0.3321, 0.2876



41.7623, 0.3681, 0.3149



41.7623, 0.3887, 0.3466

Triad

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



41.7623, 0.3681, 0.3149



41.7623, 0.3292, 0.3973



41.7623, 0.2428, 0.2771

Complementary

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



41.7623, 0.3681, 0.3149



63.8619, 0.2760, 0.3438

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.



41.7623, 0.2423, 0.3036



41.7623, 0.3681, 0.3149



41.7623, 0.2906, 0.3764

Square

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



41.7623, 0.3681, 0.3149



41.7623, 0.3649, 0.3960



41.7623, 0.2592, 0.3406



41.7623, 0.2605, 0.2658

Rectangle

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



41.7623, 0.3681, 0.3149



41.7623, 0.3902, 0.3671



41.7623, 0.2592, 0.3406



41.7623, 0.2406, 0.2844

Sweetspot

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



41.7643, 0.3681, 0.3149



85.0664, 0.3258, 0.3250



42.3793, 0.3053, 0.2517



17.7276, 0.3282, 0.3243



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.



41.7643, 0.3681, 0.3149



50.8051, 0.3842, 0.3120



49.0329, 0.3729, 0.3543



13.7404, 0.3264, 0.3248



9.3257, 0.6121, 0.3146



0.6584, 0.5713, 0.2921

Inverse Universe

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



41.7643, 0.3681, 0.3149



50.8051, 0.3842, 0.3120



53.9146, 0.2664, 0.3021



13.7404, 0.3264, 0.3248



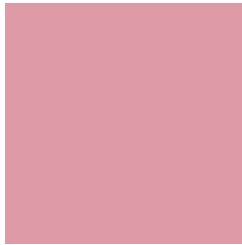
9.3257, 0.6121, 0.3146



0.6584, 0.5713, 0.2921

Previews

White Background



This preview shows how the Yxy color 41.7623, 0.3681, 0.3149 looks on a white background.

Color Contrast Check

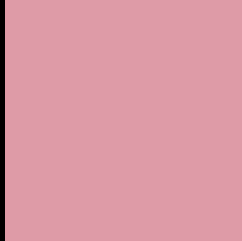
Large Text (above 18pt) WCAG AA × Fail

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 41.7623, 0.3681, 0.3149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

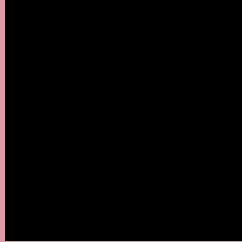
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.7623, 0.3681, 0.3149

Background



This preview shows how black text looks on a background with the Yxy color 41.7623, 0.3681, 0.3149.



This preview shows how white text looks on a background with the Yxy color 41.7623, 0.3681, 0.3149.

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

41.7623, 0.3681, 0.3149

Protanopia

41.7933, 0.3112, 0.3222

Deuteranopia

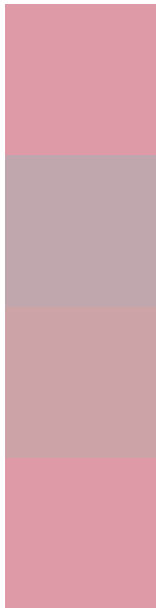
41.6915, 0.3389, 0.3317



Tritanopia

41.7623, 0.3681, 0.3149

Trichromacy



Original Color

41.7623, 0.3681, 0.3149

Protanomaly

41.4960, 0.3309, 0.3199

Deuteranomaly

41.7849, 0.3494, 0.3253

Tritanomaly

41.7623, 0.3681, 0.3149

Monochromacy



Original Color

41.7623, 0.3681, 0.3149

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

42.3599, 0.3316, 0.3226

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.7623, 0.3681, 0.3149 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, 155, 167)` looks like.

```
.text, #text, p{  
    color:rgb(222, 155, 167)  
}
```

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, 155, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 155, 167) }
```

Border

The CSS property to change the border of an element to Yxy 41.7623, 0.3681, 0.3149 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, 155, 167) }
```

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

```
.border{ border-color:rgb(222, 155, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 155, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 155, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 155, 167);  
box-shadow:4px 4px 4px 4px rgb(222, 155,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 41.7623, 0.3681, 0.3149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 155, 167) }
```

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

```
.background{ background-color: rgb(222,  
155, 167) }
```

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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