

Converting Colors

$Yxy(41.9207, 0.3691, 0.3149)$

Have a look what the booklet for
Yxy(41.9207, 0.3691, 0.3149)
contains.

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Color

Yxy(41.9207, 0.3691, 0.3149)

Conversions

Conversions Part 1

Format	Color
Hex	DF9BA7
RGB	223, 155, 167
RGB Percent	87%, 61%, 65%
CMY	0.1254, 0.3922, 0.3450
CMYK	0.00, 0.31, 0.25, 0.13
HSL	349°, 52%, 74%
HSV	349°, 31%, 87%
XYZ	49.1360, 41.9207, 42.0671
YIQ	176.7000, 36.6760, 18.1480

Conversions

Conversions Part 2

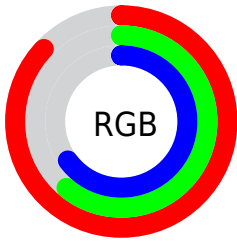
Format	Color
R _Y B	223, 155, 167
Decimal	14654375
CIE Lab	70.82, 27.08, 4.02
CIE LCh	71, 27.377, 8.438
Yxy	41.9207, 0.3691, 0.3149
Android (android.graphics.Color)	4292844455 (0xFFDF9BA7)
YUV	176.7000, -4.7821, 40.6051
Hunter-Lab	64.7462, 22.1581, 6.8002

Details

The Yxy color **41.9207, 0.3691, 0.3149** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **64.4635, 0.2756, 0.3438**, and the grayscale version is **43.8138, 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 **34.5411, 0.3968, 0.3102**, and if you desaturate by 10%, it is **50.7716, 0.3465, 0.3197**.

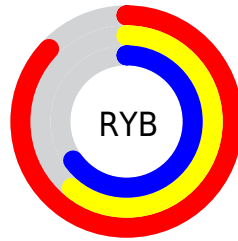
Distribution



Red (87%)

Green (61%)

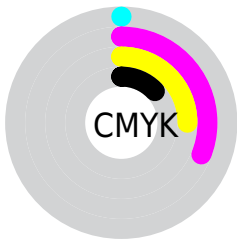
Blue (65%)



Red (87%)

Yellow (61%)

Blue (65%)

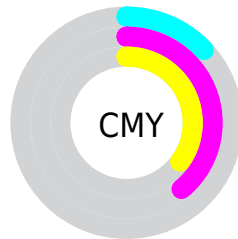


Cyan (0%)

Magenta (31%)

Yellow (25%)

Black (13%)



Cyan (13%)


Magenta (39%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.9207, 0.3691, 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 41.9207, 0.3691, 0.3149 by changing the saturation by 10% instead.


 41.9207, 0.3691,
0.3149


 41.9207, 0.3691,
0.3149


354.1541, 0.3403,
0.3224

 29.0392, 0.3765,
0.3129


 78.0796, 0.3585,
0.3177

 19.1105, 0.3861,
0.3102


 102.1258, 0.3545,
0.3188

 11.7501, 0.3991,
0.3065


130.6623, 0.3512,
0.3196

 6.5738, 0.4176,
0.3011

164.0736, 0.3484,
0.3203

 3.1970, 0.4459,
0.2924

202.7440, 0.3459,
0.3210

 1.2354, 0.4942,
0.2765

247.0580, 0.3438,

 0.0904, 0.8921,

0.3215

0.1079

297.3999, 0.3419,
0.3220

0.0000, 0.0000,
0.0000

41.9207, 0.3691,
0.3149

41.9207, 0.3691,
0.3149

34.5411, 0.3968,
0.3102

50.7716, 0.3465,
0.3197

28.5472, 0.4300,
0.3061

61.1616, 0.3282,
0.3244

23.8538, 0.4684,
0.3032

73.1611, 0.3134,
0.3288

20.3638, 0.5104,
0.3024

86.8347, 0.3015,
0.3328

17.9662, 0.5525,
0.3045

94.4331, 0.2935,
0.3289

■ 16.5295, 0.5893,
0.3098

■ 15.8423, 0.6157,
0.3166

Harmonies

Analogous

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



41.9207, 0.3326, 0.2872



41.9207, 0.3691, 0.3149



41.9207, 0.3899, 0.3470

Triad

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



41.9207, 0.3691, 0.3149



41.9207, 0.3291, 0.3982



41.9207, 0.2419, 0.2762

Complementary

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



41.9207, 0.3691, 0.3149



64.4635, 0.2756, 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.



41.9207, 0.2413, 0.3030



41.9207, 0.3691, 0.3149



41.9207, 0.2900, 0.3769

Square

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



41.9207, 0.3691, 0.3149



41.9207, 0.3654, 0.3971



41.9207, 0.2583, 0.3404



41.9207, 0.2600, 0.2649

Rectangle

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



41.9207, 0.3691, 0.3149



41.9207, 0.3913, 0.3678



41.9207, 0.2583, 0.3404



41.9207, 0.2397, 0.2835

Sweetspot

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



41.9227, 0.3691, 0.3149



85.0637, 0.3258, 0.3251



42.5521, 0.3052, 0.2508



17.7269, 0.3282, 0.3244



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.



41.9227, 0.3691, 0.3149



49.8148, 0.3872, 0.3117



49.3206, 0.3738, 0.3546



13.7399, 0.3264, 0.3249



9.3237, 0.6127, 0.3149



0.6581, 0.5720, 0.2925

Inverse Universe

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



41.9227, 0.3691, 0.3149



49.8148, 0.3872, 0.3117



54.2968, 0.2659, 0.3018



13.7399, 0.3264, 0.3249



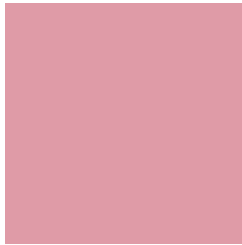
9.3237, 0.6127, 0.3149



0.6581, 0.5720, 0.2925

Previews

White Background



This preview shows how the Yxy color 41.9207, 0.3691, 0.3149 looks on a white background.

Color Contrast Check

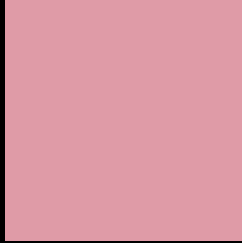
Large Text (above 18pt) WCAG AA × Fail

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 41.9207, 0.3691, 0.3149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

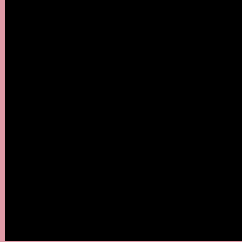
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.9207, 0.3691, 0.3149

Background



This preview shows how black text looks on a background with the Yxy color 41.9207, 0.3691, 0.3149.



This preview shows how white text looks on a background with the Yxy color 41.9207, 0.3691, 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

41.9207, 0.3691, 0.3149

Protanopia

42.2916, 0.3121, 0.3236

Deuteranopia

42.1912, 0.3397, 0.3330



Tritanopia

41.9207, 0.3691, 0.3149

Trichromacy



Original Color

41.9207, 0.3691, 0.3149

Protanomaly

41.6270, 0.3319, 0.3200

Deuteranomaly

41.9267, 0.3504, 0.3253

Tritanomaly

41.9207, 0.3691, 0.3149

Monochromacy



Original Color

41.9207, 0.3691, 0.3149

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

42.8624, 0.3323, 0.3239

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.9207, 0.3691, 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(223, 155, 167)` looks like.

```
.text, #text, p{  
    color:rgb(223, 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(223, 155, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 155, 167) }
```

Border

The CSS property to change the border of an element to Yxy 41.9207, 0.3691, 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(223, 155, 167) }
```

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

```
.border{ border-color:rgb(223, 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(223, 155, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 155, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 155, 167);  
box-shadow:4px 4px 4px 4px rgb(223, 155,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 41.9207, 0.3691, 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(223, 155, 167) }
```

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

```
.background{ background-color: rgb(223,  
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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