

Converting Colors

$Yxy(43.6095, 0.3555, 0.3159)$

Have a look what the booklet for
Yxy(43.6095, 0.3555, 0.3159)
contains.

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Color

Yxy(43.6095, 0.3555, 0.3159)

Conversions

Conversions Part 1

Format	Color
Hex	D9A2AD
RGB	217, 162, 173
RGB Percent	85%, 64%, 68%
CMY	0.1490, 0.3647, 0.3216
CMYK	0.00, 0.25, 0.20, 0.15
HSL	348°, 42%, 74%
HSV	348°, 25%, 85%
XYZ	49.0762, 43.6095, 45.3627
YIQ	179.6990, 29.2490, 15.0810

Conversions

Conversions Part 2

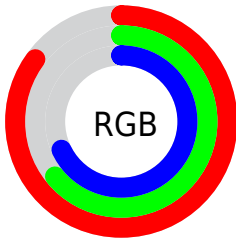
Format	Color
RYB	217, 162, 173
Decimal	14262957
CIELab	71.97, 21.96, 2.29
CIELCh	72, 22.079, 5.959
Yxy	43.6095, 0.3555, 0.3159
Android (android.graphics.Color)	4292453037 (0xFFD9A2AD)
YUV	179.6990, -3.3026, 32.7130
Hunter-Lab	66.0375, 17.0879, 5.4985

Details

The Yxy color **43.6095, 0.3555, 0.3159** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **61.7610, 0.2821, 0.3426**, and the grayscale version is **45.4791, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.4871, 0.3329, 0.3181**, and **20.1094, 0.3675, 0.3115** is the 20% darker color. If you saturate the color by 10%, you get **35.9853, 0.3797, 0.3105**, and if you desaturate by 10%, it is **52.6441, 0.3358, 0.3213**.

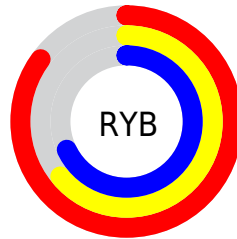
Distribution



Red (85%)

Green (64%)

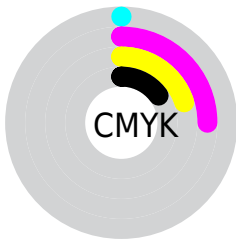
Blue (68%)



Red (85%)

Yellow (64%)

Blue (68%)

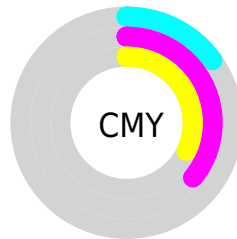


Cyan (0%)

Magenta (25%)

Yellow (20%)

Black (15%)



Cyan (15%)


Magenta (36%)

Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.6095, 0.3555, 0.3159 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 43.6095, 0.3555, 0.3159 by changing the saturation by 10% instead.


 43.6095, 0.3555,
0.3159


 43.6095, 0.3555,
0.3159


361.1124, 0.3338,
0.3227

 30.3636, 0.3610,
0.3141


 80.6298, 0.3475,
0.3184

 20.1148, 0.3682,
0.3118

 105.1730, 0.3446,
0.3193

 12.4785, 0.3778,
0.3087


134.2509, 0.3421,
0.3201

 7.0704, 0.3914,
0.3042

168.2476, 0.3399,
0.3208

 3.5062, 0.4121,
0.2972

207.5478, 0.3381,
0.3214

 1.4014, 0.4472,
0.2848

252.5357, 0.3365,

 0.2177, 0.7161,

0.3219

0.2098

303.5958, 0.3351,
0.3223

0.0000, 0.0000,
0.0000

43.6095, 0.3555,
0.3159

43.6095, 0.3555,
0.3159

35.9853, 0.3797,
0.3105

52.6441, 0.3358,
0.3213

29.6945, 0.4090,
0.3054

63.1491, 0.3199,
0.3264

24.6618, 0.4436,
0.3012

75.1884, 0.3071,
0.3312

20.8017, 0.4828,
0.2987

88.8203, 0.2966,
0.3355

18.0185, 0.5243,
0.2990

93.4906, 0.2900,
0.3289

■ 16.2010, 0.5640,
0.3027

■ 15.2132, 0.5971,
0.3097

■ 14.9276, 0.6097,
0.3133

Harmonies

Analogous

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



43.6095, 0.3261, 0.2937



43.6095, 0.3555, 0.3159



43.6095, 0.3732, 0.3420

Triad

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



43.6095, 0.3555, 0.3159



43.6095, 0.3289, 0.3841



43.6095, 0.2550, 0.2884

Complementary

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



43.6095, 0.3555, 0.3159



61.7610, 0.2821, 0.3426

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.



43.6095, 0.2558, 0.3111



43.6095, 0.3555, 0.3159



43.6095, 0.2974, 0.3686

Square

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



43.6095, 0.3555, 0.3159



43.6095, 0.3570, 0.3825



43.6095, 0.2709, 0.3409



43.6095, 0.2687, 0.2777

Rectangle

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



43.6095, 0.3555, 0.3159



43.6095, 0.3755, 0.3588



43.6095, 0.2709, 0.3409



43.6095, 0.2536, 0.2947

Sweetspot

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



43.6115, 0.3555, 0.3159



86.6607, 0.3239, 0.3250



43.9746, 0.3060, 0.2644



18.0464, 0.3263, 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.



43.6115, 0.3555, 0.3159



57.1855, 0.3668, 0.3132



49.4015, 0.3613, 0.3489



13.0938, 0.3260, 0.3244



9.0492, 0.6066, 0.3115



0.5986, 0.5615, 0.2867

Inverse Universe

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



43.6115, 0.3555, 0.3159



57.1855, 0.3668, 0.3132



54.2313, 0.2738, 0.3081



13.0938, 0.3260, 0.3244



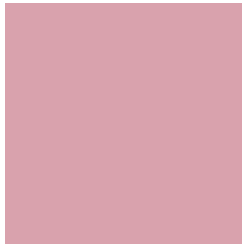
9.0492, 0.6066, 0.3115



0.5986, 0.5615, 0.2867

Previews

White Background



This preview shows how the Yxy color 43.6095, 0.3555, 0.3159 looks on a white background.

Color Contrast Check

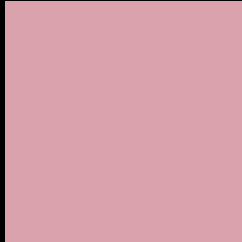
Large Text (above 18pt) WCAG AA × Fail

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 43.6095, 0.3555, 0.3159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

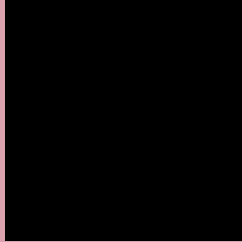
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.6095, 0.3555, 0.3159

Background



This preview shows how black text looks on a background with the Yxy color 43.6095, 0.3555, 0.3159.



This preview shows how white text looks on a background with the Yxy color 43.6095, 0.3555, 0.3159.

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

43.6095, 0.3555, 0.3159

Protanopia

43.9706, 0.3113, 0.3224

Deuteranopia

43.8019, 0.3357, 0.3291



Tritanopia

43.6484, 0.3545, 0.3147

Trichromacy



Original Color

43.6095, 0.3555, 0.3159

Protanomaly

43.6776, 0.3267, 0.3201

Deuteranomaly

43.8212, 0.3428, 0.3241

Tritanomaly

43.6484, 0.3545, 0.3147

Monochromacy



Original Color

43.6095, 0.3555, 0.3159

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

44.3989, 0.3274, 0.3239

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.6095, 0.3555, 0.3159 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(217, 162, 173)` looks like.

```
.text, #text, p{  
    color:rgb(217, 162, 173)  
}
```

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(217, 162, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 162, 173) }
```

Border

The CSS property to change the border of an element to Yxy 43.6095, 0.3555, 0.3159 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(217, 162, 173) }
```

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

```
.border{ border-color:rgb(217, 162, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 162, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 162, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 162, 173);  
box-shadow:4px 4px 4px 4px rgb(217, 162,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 43.6095, 0.3555, 0.3159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 162, 173) }
```

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

```
.background{ background-color: rgb(217,  
162, 173) }
```

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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