

Converting Colors

$Y_{xy}(41.4252, 0.3365, 0.3162)$

Have a look what the booklet for
Yxy(41.4252, 0.3365, 0.3162)
contains.

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Color

Yxy(41.6127, 0.3360, 0.3163)

Conversions

Conversions Part 1

Format	Color
Hex	C6A4AE
RGB	198, 164, 174
RGB Percent	78%, 64%, 68%
CMY	0.2235, 0.3568, 0.3177
CMYK	0.00, 0.17, 0.12, 0.22
HSL	342°, 23%, 71%
HSV	342°, 17%, 78%
XYZ	44.2044, 41.6127, 45.7437
YIQ	175.3060, 17.0540, 10.3180

Conversions

Conversions Part 2

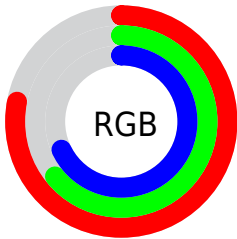
Format	Color
R _Y B	198, 164, 174
Decimal	13018286
CIE Lab	70.60, 14.10, -0.48
CIE LCh	71, 14.107, 358.067
Yxy	41.6127, 0.3360, 0.3163
Android (android.graphics.Color)	4291208366 (0xFFC6A4AE)
YUV	175.3060, -0.6439, 19.9026
Hunter-Lab	64.5079, 9.4294, 3.1119

Details

The Yxy color $41.6127, 0.3360, 0.3163$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $51.9146, 0.2938, 0.3421$, and the grayscale version is $43.0343, 0.3127, 0.3290$.

A 20% lighter version of the original color is $77.5802, 0.3320, 0.3191$, and $18.9228, 0.3428, 0.3117$ is the 20% darker color. If you saturate the color by 10%, you get $34.5532, 0.3538, 0.3084$, and if you desaturate by 10%, it is $49.8360, 0.3215, 0.3239$.

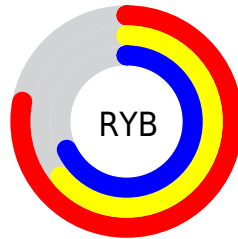
Distribution



Red (78%)

Green (64%)

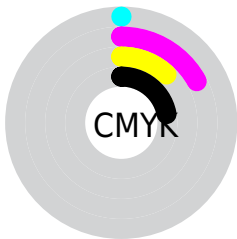
Blue (68%)



Red (78%)

Yellow (64%)

Blue (68%)

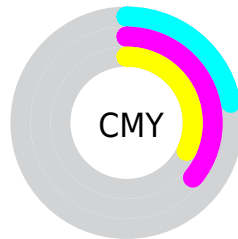


Cyan (0%)

Magenta (17%)

Yellow (12%)

Black (22%)



Cyan (22%)


Magenta (36%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.6127, 0.3360, 0.3163 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 41.6127, 0.3360, 0.3163 by changing the saturation by 10% instead.


 41.6127, 0.3360,
0.3163

 41.6127, 0.3360,
0.3163


352.8749, 0.3241,
0.3228

 28.7981, 0.3390,
0.3146


 77.6131, 0.3316,
0.3187

 18.9282, 0.3430,
0.3125


 101.5678, 0.3300,
0.3196

 11.6184, 0.3483,
0.3096


130.0046, 0.3287,
0.3203

 6.4844, 0.3559,
0.3055

163.3080, 0.3275,
0.3209

 3.1418, 0.3676,
0.2992

201.8623, 0.3265,
0.3215

 1.2062, 0.3880,
0.2883

246.0520, 0.3256,

 0.0668, 0.7024,

0.3220

0.1150

296.2614, 0.3248,
0.3224

0.0000, 0.0000,
0.0000

41.6127, 0.3360,
0.3163

41.6127, 0.3360,
0.3163

34.5532, 0.3538,
0.3084

49.8360, 0.3215,
0.3239

28.5992, 0.3755,
0.3005

59.2669, 0.3096,
0.3310

23.6961, 0.4015,
0.2930

69.9535, 0.3000,
0.3375

19.7819, 0.4319,
0.2867

81.9397, 0.2921,
0.3435

16.7884, 0.4663,
0.2828

90.0523, 0.2851,
0.3407

■ 14.6385, 0.5029,
0.2822

■ 90.7464, 0.2794,
0.3289

■ 13.2424, 0.5390,
0.2860

■ 12.4773, 0.5712,
0.2942

■ 12.3138, 0.5796,
0.2967

Harmonies

Analogous

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



41.6127, 0.3161, 0.3026



41.6127, 0.3360, 0.3163



41.6127, 0.3497, 0.3335

Triad

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



41.6127, 0.3360, 0.3163



41.6127, 0.3288, 0.3651



41.6127, 0.2738, 0.3061

Complementary

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



41.6127, 0.3360, 0.3163



51.9146, 0.2938, 0.3421

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.



41.6127, 0.2770, 0.3227



41.6127, 0.3360, 0.3163



41.6127, 0.3083, 0.3577

Square

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



41.6127, 0.3360, 0.3163



41.6127, 0.3454, 0.3620



41.6127, 0.2895, 0.3419



41.6127, 0.2806, 0.2964

Rectangle

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



41.6127, 0.3360, 0.3163



41.6127, 0.3533, 0.3449



41.6127, 0.2895, 0.3419



41.6127, 0.2738, 0.3110

Sweetspot

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



41.6146, 0.3360, 0.3163



91.5668, 0.3188, 0.3254



41.2963, 0.3055, 0.2857



19.3550, 0.3197, 0.3249



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.



41.6146, 0.3360, 0.3163



68.2629, 0.3429, 0.3131



43.7387, 0.3438, 0.3378



10.6874, 0.3244, 0.3222



8.0207, 0.5761, 0.2947



0.3927, 0.5152, 0.2612

Inverse Universe

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



41.6146, 0.3360, 0.3163



68.2629, 0.3429, 0.3131



49.3212, 0.2867, 0.3200



10.6874, 0.3244, 0.3222



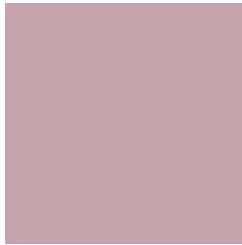
8.0207, 0.5761, 0.2947



0.3927, 0.5152, 0.2612

Previews

White Background



This preview shows how the Yxy color 41.6127, 0.3360, 0.3163 looks on a white background.

Color Contrast Check

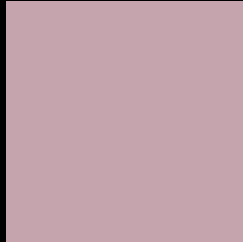
Large Text (above 18pt) WCAG AA × Fail

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 41.6127, 0.3360, 0.3163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

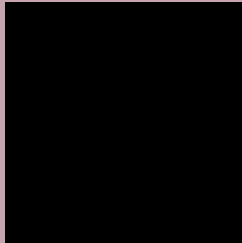
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.6127, 0.3360, 0.3163

Background



This preview shows how black text looks on a background with the Yxy color 41.6127, 0.3360, 0.3163.



This preview shows how white text looks on a background with the Yxy color 41.6127, 0.3360, 0.3163.

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

41.6127, 0.3360, 0.3163

Protanopia

41.7584, 0.3087, 0.3195

Deuteranopia

41.4734, 0.3279, 0.3212



Tritanopia

41.6913, 0.3342, 0.3138

Trichromacy



Original Color

41.6127, 0.3360, 0.3163

Protanomaly

41.6175, 0.3187, 0.3184

Deuteranomaly

41.4960, 0.3309, 0.3199

Tritanomaly

41.6518, 0.3351, 0.3150

Monochromacy



Original Color

41.6127, 0.3360, 0.3163

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.2882, 0.3202, 0.3237

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.6127, 0.3360, 0.3163 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(198, 164, 174)` looks like.

```
.text, #text, p{  
    color:rgb(198, 164, 174)  
}
```

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(198, 164, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 164, 174) }
```

Border

The CSS property to change the border of an element to Yxy 41.6127, 0.3360, 0.3163 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(198, 164, 174) }
```

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

```
.border{ border-color:rgb(198, 164, 174) }
```

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

Here you see how a box with a 4 pixel rgb(198, 164, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 164, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 164, 174);  
box-shadow:4px 4px 4px 4px rgb(198, 164,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 41.6127, 0.3360, 0.3163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 164, 174) }
```

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

```
.background{ background-color: rgb(198,  
164, 174) }
```

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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