

Converting Colors

$Yxy(41.0506, 0.3419, 0.3163)$

Have a look what the booklet for
Yxy(41.0506, 0.3419, 0.3163)
contains.

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Color

Yxy(40.8475, 0.3422, 0.3164)

Conversions

Conversions Part 1

Format	Color
Hex	C9A1AB
RGB	201, 161, 171
RGB Percent	79%, 63%, 67%
CMY	0.2118, 0.3686, 0.3295
CMYK	0.00, 0.20, 0.15, 0.21
HSL	345°, 27%, 71%
HSV	345°, 20%, 79%
XYZ	44.1783, 40.8475, 44.0750
YIQ	174.1000, 20.6300, 11.5900

Conversions

Conversions Part 2

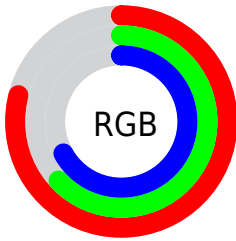
Format	Color
R_{YB}	201, 161, 171
Decimal	13214123
CIE _{Lab}	70.07, 16.32, 0.45
CIE _{LCh}	70, 16.331, 1.569
Yxy	40.8475, 0.3422, 0.3164
Android (android.graphics.Color)	4291404203 (0xFFC9A1AB)
YUV	174.1000, -1.5283, 23.5913
Hunter-Lab	63.9120, 11.5395, 3.8509

Details

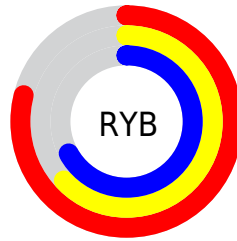
The Yxy color $40.8475, 0.3422, 0.3164$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $53.1066, 0.2897, 0.3420$, and the grayscale version is $42.3815, 0.3127, 0.3290$.

A 20% lighter version of the original color is $75.8627, 0.3344, 0.3190$, and $18.3802, 0.3504, 0.3118$ is the 20% darker color. If you saturate the color by 10%, you get $33.8368, 0.3623, 0.3096$, and if you desaturate by 10%, it is $49.0566, 0.3259, 0.3229$.

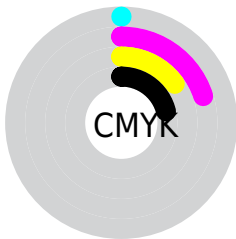
Distribution



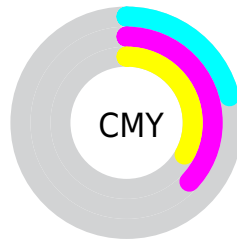
- Red (79%)
- Green (63%)
- Blue (67%)



- Red (79%)
- Yellow (63%)
- Blue (67%)



- Cyan (0%)
- Magenta (20%)
- Yellow (15%)
- Black (21%)




- Cyan (21%)
- Magenta (37%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.8475, 0.3422, 0.3164 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 40.8475, 0.3422, 0.3164 by changing the saturation by 10% instead.


 40.8475, 0.3422,
0.3164

 40.8475, 0.3422,
0.3164


349.6828, 0.3271,
0.3229

 28.1999, 0.3461,
0.3147


 76.4523, 0.3366,
0.3188

 18.4764, 0.3511,
0.3125


 100.1784, 0.3346,
0.3197

 11.2926, 0.3580,
0.3096


128.3661, 0.3328,
0.3204

 6.2640, 0.3678,
0.3053

161.3998, 0.3314,
0.3211

 3.0063, 0.3830,
0.2987

199.6640, 0.3301,
0.3216

 1.1350, 0.4098,
0.2870

243.5429, 0.3290,

 0.0076, 0.9815,

0.3221

0.0185

293.4211, 0.3280,
0.3225

0.0000, 0.0000,
0.0000

40.8475, 0.3422,
0.3164

40.8475, 0.3422,
0.3164

33.8368, 0.3623,
0.3096

49.0566, 0.3259,
0.3229

27.9630, 0.3867,
0.3030

58.5110, 0.3126,
0.3291

23.1673, 0.4160,
0.2969

69.2616, 0.3018,
0.3347

19.3836, 0.4499,
0.2922

81.3550, 0.2930,
0.3399

16.5383, 0.4877,
0.2899

90.6143, 0.2855,
0.3379

■ 14.5477, 0.5267,
0.2911

■ 91.1553, 0.2811,
0.3289

■ 13.3133, 0.5634,
0.2964

■ 12.6531, 0.5942,
0.3048

■ 12.6468, 0.5945,
0.3049

Harmonies

Analogous

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



40.8475, 0.3195, 0.2999



40.8475, 0.3422, 0.3164



40.8475, 0.3571, 0.3364

Triad

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



40.8475, 0.3422, 0.3164



40.8475, 0.3287, 0.3708



40.8475, 0.2680, 0.3004

Complementary

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



40.8475, 0.3422, 0.3164



53.1066, 0.2897, 0.3420

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.



40.8475, 0.2703, 0.3189



40.8475, 0.3422, 0.3164



40.8475, 0.3047, 0.3609

Square

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



40.8475, 0.3422, 0.3164



40.8475, 0.3489, 0.3684



40.8475, 0.2835, 0.3414



40.8475, 0.2771, 0.2904

Rectangle

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



40.8475, 0.3422, 0.3164



40.8475, 0.3602, 0.3495



40.8475, 0.2835, 0.3414



40.8475, 0.2675, 0.3058

Sweetspot

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



40.8493, 0.3422, 0.3164



89.9060, 0.3205, 0.3253



40.7860, 0.3060, 0.2787



19.0188, 0.3214, 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.



40.8493, 0.3422, 0.3164



64.3613, 0.3506, 0.3134



44.1171, 0.3493, 0.3418



10.6796, 0.3251, 0.3233



7.9657, 0.5910, 0.3029



0.3892, 0.5298, 0.2692

Inverse Universe

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



40.8493, 0.3422, 0.3164



64.3613, 0.3506, 0.3134



49.0527, 0.2824, 0.3158



10.6796, 0.3251, 0.3233



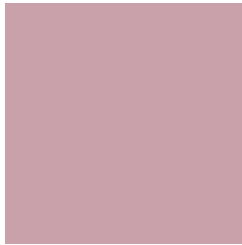
7.9657, 0.5910, 0.3029



0.3892, 0.5298, 0.2692

Previews

White Background



This preview shows how the Yxy color 40.8475, 0.3422, 0.3164 looks on a white background.

Color Contrast Check

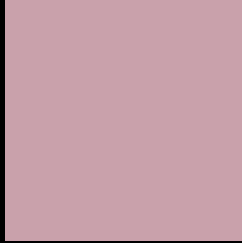
Large Text (above 18pt) WCAG AA × Fail

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 40.8475, 0.3422, 0.3164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

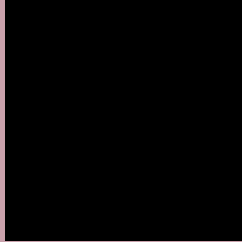
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.8475, 0.3422, 0.3164

Background



This preview shows how black text looks on a background with the Yxy color 40.8475, 0.3422, 0.3164.



This preview shows how white text looks on a background with the Yxy color 40.8475, 0.3422, 0.3164.

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

40.8475, 0.3422, 0.3164

Protanopia

41.1844, 0.3095, 0.3208

Deuteranopia

40.8661, 0.3298, 0.3238



Tritanopia

40.9244, 0.3403, 0.3138

Trichromacy



Original Color

40.8475, 0.3422, 0.3164

Protanomaly

40.7999, 0.3206, 0.3184

Deuteranomaly

40.7907, 0.3349, 0.3212

Tritanomaly

40.8858, 0.3413, 0.3151

Monochromacy



Original Color

40.8475, 0.3422, 0.3164

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.5834, 0.3231, 0.3237

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.8475, 0.3422, 0.3164 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(201, 161, 171)` looks like.

```
.text, #text, p{  
    color:rgb(201, 161, 171)  
}
```

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(201, 161, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 161, 171) }
```

Border

The CSS property to change the border of an element to Yxy 40.8475, 0.3422, 0.3164 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(201, 161, 171) }
```

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

```
.border{ border-color:rgb(201, 161, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 161, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(201, 161, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(201, 161, 171); box-shadow:4px 4px 4px 4px rgb(201, 161, 171) }
```


Background

The CSS property to change the background color of an element to Yxy 40.8475, 0.3422, 0.3164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 161, 171) }
```

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

```
.background{ background-color: rgb(201,  
161, 171) }
```

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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