

Converting Colors

$Y_{xy}(41.4952, 0.3409, 0.3112)$

Have a look what the booklet for
Yxy(41.4952, 0.3409, 0.3112)
contains.

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Color

Yxy(41.4223, 0.3413, 0.3115)

Conversions

Conversions Part 1

Format	Color
Hex	CCA1AF
RGB	204, 161, 175
RGB Percent	80%, 63%, 69%
CMY	0.2000, 0.3686, 0.3137
CMYK	0.00, 0.21, 0.14, 0.20
HSL	340°, 30%, 72%
HSV	340°, 21%, 80%
XYZ	45.3850, 41.4223, 46.1696
YIQ	175.4530, 21.1340, 13.4700

Conversions

Conversions Part 2

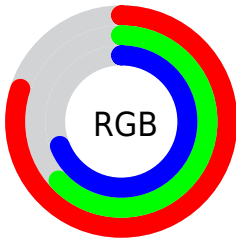
Format	Color
RYB	204, 161, 175
Decimal	13410735
CIELab	70.47, 18.09, -1.17
CIELCh	70, 18.125, 356.307
Yxy	41.4223, 0.3413, 0.3115
Android (android.graphics.Color)	4291600815 (0xFFCCA1AF)
YUV	175.4530, -0.2233, 25.0357
Hunter-Lab	64.3602, 13.2430, 2.5197

Details

The Yxy color **41.4223, 0.3413, 0.3115** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **54.4784, 0.2906, 0.3473**, and the grayscale version is **43.1110, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.0849, 0.3316, 0.3151**, and **18.7569, 0.3490, 0.3054** is the 20% darker color. If you saturate the color by 10%, you get **34.3531, 0.3597, 0.3027**, and if you desaturate by 10%, it is **49.7134, 0.3262, 0.3201**.

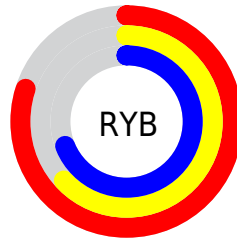
Distribution



Red (80%)

Green (63%)

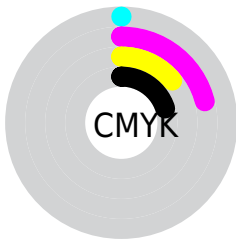
Blue (69%)



Red (80%)

Yellow (63%)

Blue (69%)

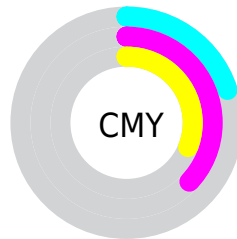


Cyan (0%)

Magenta (21%)

Yellow (14%)

Black (20%)



Cyan (20%)


Magenta (37%)

Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.4223, 0.3413, 0.3115 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 41.4223, 0.3413, 0.3115 by changing the saturation by 10% instead.


 41.4223, 0.3413,
0.3115

 41.4223, 0.3413,
0.3115


352.0825, 0.3268,
0.3204

 28.6492, 0.3450,
0.3092


 77.3245, 0.3360,
0.3148

 18.8156, 0.3498,
0.3063


 101.2225, 0.3340,
0.3160

 11.5371, 0.3564,
0.3024


129.5975, 0.3323,
0.3170

 6.4293, 0.3657,
0.2968

162.8340, 0.3309,
0.3179

 3.1079, 0.3799,
0.2883

201.3163, 0.3296,
0.3186

 1.1883, 0.4046,
0.2738

245.4290, 0.3285,

 0.0521, 0.7205,

0.3193

0.0765

295.5562, 0.3276,
0.3199

0.0000, 0.0000,
0.0000

41.4223, 0.3413,
0.3115

41.4223, 0.3413,
0.3115

34.3531, 0.3597,
0.3027

49.7134, 0.3262,
0.3201

28.4422, 0.3819,
0.2940

59.2749, 0.3139,
0.3282

23.6288, 0.4083,
0.2860

70.1595, 0.3038,
0.3357

19.8441, 0.4387,
0.2798

82.4151, 0.2956,
0.3426

17.0116, 0.4725,
0.2764

90.8745, 0.2885,
0.3407

■ 15.0440, 0.5076,
0.2770

■ 91.5768, 0.2827,
0.3289

■ 13.8373, 0.5414,
0.2825

■ 13.2360, 0.5685,
0.2905

Harmonies

Analogous

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



41.4223, 0.3153, 0.2946



41.4223, 0.3413, 0.3115



41.4223, 0.3598, 0.3331

Triad

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



41.4223, 0.3413, 0.3115



41.4223, 0.3346, 0.3759



41.4223, 0.2630, 0.3004

Complementary

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



41.4223, 0.3413, 0.3115



54.4784, 0.2906, 0.3473

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.



41.4223, 0.2677, 0.3220



41.4223, 0.3413, 0.3115



41.4223, 0.3084, 0.3673

Square

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



41.4223, 0.3413, 0.3115



41.4223, 0.3556, 0.3706



41.4223, 0.2841, 0.3470



41.4223, 0.2708, 0.2876

Rectangle

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



41.4223, 0.3413, 0.3115



41.4223, 0.3650, 0.3477



41.4223, 0.2841, 0.3470



41.4223, 0.2632, 0.3068

Sweetspot

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



41.4242, 0.3413, 0.3115



89.9772, 0.3197, 0.3242



40.7551, 0.3023, 0.2750



19.0356, 0.3206, 0.3236



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.



41.4242, 0.3413, 0.3115



63.3857, 0.3487, 0.3078



43.4783, 0.3529, 0.3382



11.2730, 0.3240, 0.3215



8.3466, 0.5648, 0.2885



0.4445, 0.5089, 0.2577

Inverse Universe

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



41.4242, 0.3413, 0.3115



63.3857, 0.3487, 0.3078



51.7928, 0.2810, 0.3196



11.2730, 0.3240, 0.3215



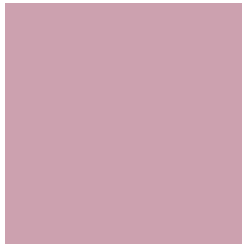
8.3466, 0.5648, 0.2885



0.4445, 0.5089, 0.2577

Previews

White Background



This preview shows how the Yxy color 41.4223, 0.3413, 0.3115 looks on a white background.

Color Contrast Check

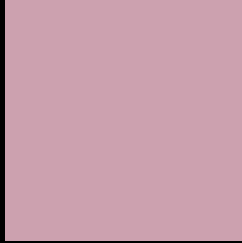
Large Text (above 18pt) WCAG AA × Fail

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 41.4223, 0.3413, 0.3115 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

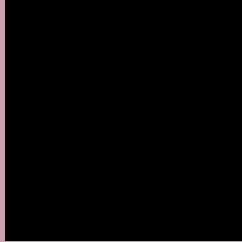
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.4223, 0.3413, 0.3115

Background



This preview shows how black text looks on a background with the Yxy color 41.4223, 0.3413, 0.3115.



This preview shows how white text looks on a background with the Yxy color 41.4223, 0.3413, 0.3115.

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

41.4223, 0.3413, 0.3115

Protanopia

41.7255, 0.3062, 0.3168

Deuteranopia

41.5122, 0.3271, 0.3199



Tritanopia

41.3831, 0.3423, 0.3128

Trichromacy



Original Color

41.4223, 0.3413, 0.3115

Protanomaly

41.4503, 0.3180, 0.3145

Deuteranomaly

41.4356, 0.3320, 0.3174

Tritanomaly

41.3831, 0.3423, 0.3128

Monochromacy



Original Color

41.4223, 0.3413, 0.3115

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.2837, 0.3231, 0.3225

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.4223, 0.3413, 0.3115 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(204, 161, 175)` looks like.

```
.text, #text, p{  
    color:rgb(204, 161, 175)  
}
```

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(204, 161, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 161, 175) }
```

Border

The CSS property to change the border of an element to Yxy 41.4223, 0.3413, 0.3115 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(204, 161, 175) }
```

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

```
.border{ border-color:rgb(204, 161, 175) }
```

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

Here you see how a box with a 4 pixel rgb(204, 161, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 161, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 161, 175);  
box-shadow:4px 4px 4px 4px rgb(204, 161,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 41.4223, 0.3413, 0.3115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 161, 175) }
```

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

```
.background{ background-color: rgb(204,  
161, 175) }
```

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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