

Converting Colors

$Y_{xy}(41.1813, 0.3391, 0.3110)$

Have a look what the booklet for
Yxy(41.1813, 0.3391, 0.3110)
contains.

Yxy(41.1414, 0.3394, 0.3114)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(41.1414, 0.3394, 0.3114)

Conversions

Conversions Part 1

Format	Color
Hex	CAA1AF
RGB	202, 161, 175
RGB Percent	79%, 63%, 69%
CMY	0.2078, 0.3686, 0.3137
CMYK	0.00, 0.20, 0.13, 0.21
HSL	340°, 28%, 71%
HSV	340°, 20%, 79%
XYZ	44.8407, 41.1414, 46.1354
YIQ	174.8550, 19.9420, 13.0460

Conversions

Conversions Part 2

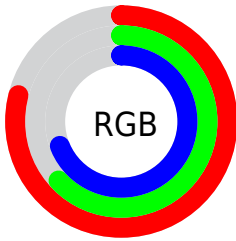
Format	Color
R _Y B	202, 161, 175
Decimal	13279663
CIE Lab	70.27, 17.36, -1.47
CIE LCh	70, 17.425, 355.167
Yxy	41.1414, 0.3394, 0.3114
Android (android.graphics.Color)	4291469743 (0xFFCAA1AF)
YUV	174.8550, 0.0715, 23.8062
Hunter-Lab	64.1416, 12.5397, 2.2533

Details

The Yxy color **41.1414, 0.3394, 0.3114** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **53.4518, 0.2918, 0.3474**, and the grayscale version is **42.7839, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.0849, 0.3316, 0.3151**, and **18.5704, 0.3463, 0.3051** is the 20% darker color. If you saturate the color by 10%, you get **34.1467, 0.3571, 0.3022**, and if you desaturate by 10%, it is **49.3318, 0.3249, 0.3203**.

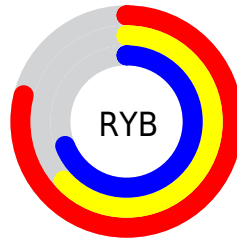
Distribution



Red (79%)

Green (63%)

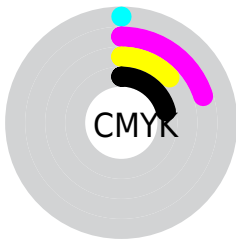
Blue (69%)



Red (79%)

Yellow (63%)

Blue (69%)

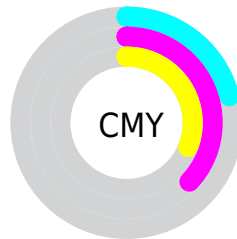


Cyan (0%)

Magenta (20%)

Yellow (13%)

Black (21%)



Cyan (21%)


Magenta (37%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.1414, 0.3394, 0.3114 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 41.1414, 0.3394, 0.3114 by changing the saturation by 10% instead.


 41.1414, 0.3394,
0.3114


 41.1414, 0.3394,
0.3114


350.9112, 0.3258,
0.3203

 28.4296, 0.3429,
0.3091


 76.8985, 0.3344,
0.3147

 18.6497, 0.3474,
0.3062


 100.7126, 0.3325,
0.3159

 11.4175, 0.3535,
0.3022


128.9962, 0.3310,
0.3169

 6.3484, 0.3622,
0.2967


162.1337, 0.3296,
0.3178

 3.0580, 0.3756,
0.2881

200.5096, 0.3285,
0.3186

 1.1621, 0.3988,
0.2735

244.5083, 0.3275,

 0.0304, 0.7315,

0.3192

0.0492

294.5140, 0.3266,
0.3198

0.0000, 0.0000,
0.0000

41.1414, 0.3394,
0.3114

41.1414, 0.3394,
0.3114

34.1467, 0.3571,
0.3022

49.3318, 0.3249,
0.3203

28.2861, 0.3784,
0.2930

58.7649, 0.3130,
0.3288

23.5006, 0.4037,
0.2846

69.4918, 0.3033,
0.3366

19.7239, 0.4330,
0.2778

81.5589, 0.2954,
0.3438

16.8820, 0.4656,
0.2738

90.4593, 0.2886,
0.3432

■ 14.8909, 0.4998,
0.2738

■ 91.2859, 0.2817,
0.3291

■ 13.6508, 0.5332,
0.2787

■ 91.2972, 0.2816,
0.3289

■ 12.9865, 0.5625,
0.2873

Harmonies

Analogous

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



41.1414, 0.3143, 0.2953



41.1414, 0.3394, 0.3114



41.1414, 0.3576, 0.3322

Triad

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



41.1414, 0.3394, 0.3114



41.1414, 0.3348, 0.3742



41.1414, 0.2647, 0.3021

Complementary

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



41.1414, 0.3394, 0.3114



53.4518, 0.2918, 0.3474

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.



41.1414, 0.2697, 0.3232



41.1414, 0.3394, 0.3114



41.1414, 0.3096, 0.3664

Square

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



41.1414, 0.3394, 0.3114



41.1414, 0.3546, 0.3687



41.1414, 0.2859, 0.3472



41.1414, 0.2718, 0.2894

Rectangle

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



41.1414, 0.3394, 0.3114



41.1414, 0.3629, 0.3464



41.1414, 0.2859, 0.3472



41.1414, 0.2650, 0.3084

Sweetspot

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



41.1433, 0.3394, 0.3114



89.9916, 0.3196, 0.3240



40.4028, 0.3022, 0.2771



19.0390, 0.3204, 0.3234



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.



41.1433, 0.3394, 0.3114



64.6452, 0.3461, 0.3077



42.8242, 0.3512, 0.3369



11.2758, 0.3237, 0.3211



8.3713, 0.5590, 0.2853



0.4460, 0.5038, 0.2549

Inverse Universe

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



41.1433, 0.3394, 0.3114



64.6452, 0.3461, 0.3077



51.2562, 0.2822, 0.3209



11.2758, 0.3237, 0.3211



8.3713, 0.5590, 0.2853



0.4460, 0.5038, 0.2549

Previews

White Background



This preview shows how the Yxy color 41.1414, 0.3394, 0.3114 looks on a white background.

Color Contrast Check

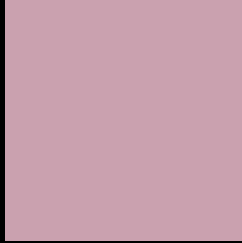
Large Text (above 18pt) WCAG AA × Fail

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 41.1414, 0.3394, 0.3114 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 41.1414, 0.3394, 0.3114

Background



This preview shows how black text looks on a background with the Yxy color 41.1414, 0.3394, 0.3114.



This preview shows how white text looks on a background with the Yxy color 41.1414, 0.3394, 0.3114.

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

41.1414, 0.3394, 0.3114

Protanopia

41.3463, 0.3062, 0.3155

Deuteranopia

41.3848, 0.3261, 0.3198



Tritanopia

41.1023, 0.3403, 0.3127

Trichromacy



Original Color

41.1414, 0.3394, 0.3114

Protanomaly

41.0825, 0.3180, 0.3132

Deuteranomaly

41.3037, 0.3311, 0.3174

Tritanomaly

41.1023, 0.3403, 0.3127

Monochromacy



Original Color

41.1414, 0.3394, 0.3114

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.1589, 0.3221, 0.3224

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.1414, 0.3394, 0.3114 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(202, 161, 175)` looks like.

```
.text, #text, p{  
    color:rgb(202, 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(202, 161, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 161, 175) }
```

Border

The CSS property to change the border of an element to Yxy 41.1414, 0.3394, 0.3114 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(202, 161, 175) }
```

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

```
.border{ border-color:rgb(202, 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(202, 161, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 161, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 161, 175);  
box-shadow:4px 4px 4px 4px rgb(202, 161,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 41.1414, 0.3394, 0.3114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 161, 175) }
```

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

```
.background{ background-color: rgb(202,  
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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