

Converting Colors

$Y_{xy}(41.8552, 0.3393, 0.3103)$

Have a look what the booklet for
Yxy(41.8552, 0.3393, 0.3103)
contains.

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Color

Yxy(41.8524, 0.3393, 0.3103)

Conversions

Conversions Part 1

Format	Color
Hex	CCA2B1
RGB	204, 162, 177
RGB Percent	80%, 64%, 69%
CMY	0.1999, 0.3647, 0.3059
CMYK	0.00, 0.21, 0.13, 0.20
HSL	339°, 29%, 72%
HSV	339°, 21%, 80%
XYZ	45.7638, 41.8524, 47.2610
YIQ	176.2680, 20.2170, 13.5690

Conversions

Conversions Part 2

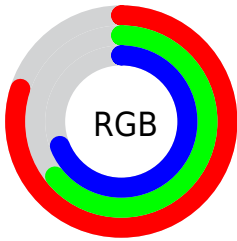
Format	Color
R_{YB}	204, 162, 177
Decimal	13410993
CIE _{Lab}	70.77, 17.89, -1.83
CIE _{LCh}	71, 17.979, 354.165
Yxy	41.8524, 0.3393, 0.3103
Android (android.graphics.Color)	4291601073 (0xFFCCA2B1)
YUV	176.2680, 0.3609, 24.3210
Hunter-Lab	64.6934, 13.0566, 1.9718

Details

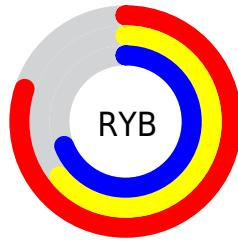
The Yxy color **41.8524, 0.3393, 0.3103** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **54.5557, 0.2919, 0.3486**, and the grayscale version is **43.5554, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.7689, 0.3294, 0.3131**, and **18.9967, 0.3474, 0.3054** is the 20% darker color. If you saturate the color by 10%, you get **34.7420, 0.3567, 0.3007**, and if you desaturate by 10%, it is **50.1830, 0.3250, 0.3197**.

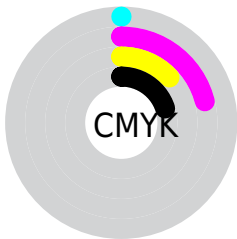
Distribution



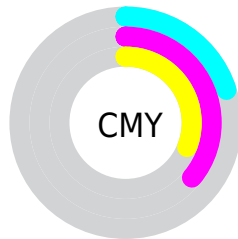
- Red (80%)
- Green (64%)
- Blue (69%)



- Red (80%)
- Yellow (64%)
- Blue (69%)



- Cyan (0%)
- Magenta (21%)
- Yellow (13%)
- Black (20%)





- Cyan (20%)
- Magenta (36%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.8524, 0.3393, 0.3103 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 41.8524, 0.3393, 0.3103 by changing the saturation by 10% instead.


 41.8524, 0.3393,
0.3103


 41.8524, 0.3393,
0.3103


353.8707, 0.3258,
0.3197

 28.9857, 0.3427,
0.3079


 77.9762, 0.3343,
0.3138

 19.0700, 0.3472,
0.3048


 102.0021, 0.3325,
0.3150

 11.7209, 0.3532,
0.3007


130.5166, 0.3310,
0.3161

 6.5539, 0.3617,
0.2949

163.9039, 0.3296,
0.3171

 3.1847, 0.3747,
0.2861

202.5487, 0.3285,
0.3179

 1.2289, 0.3971,
0.2712

246.8351, 0.3275,

 0.0851, 0.6287,

0.3186

0.1034

297.1476, 0.3266,
0.3192

0.0000, 0.0000,
0.0000

41.8524, 0.3393,
0.3103

41.8524, 0.3393,
0.3103

34.7420, 0.3567,
0.3007

50.1830, 0.3250,
0.3197

28.7886, 0.3776,
0.2911

59.7820, 0.3133,
0.3285

23.9318, 0.4023,
0.2823

70.7015, 0.3038,
0.3367

20.1035, 0.4309,
0.2752

82.9895, 0.2960,
0.3442

17.2277, 0.4627,
0.2710

90.8082, 0.2892,
0.3420

■ 15.2180, 0.4961,
0.2709

■ 91.5816, 0.2827,
0.3289

■ 13.9717, 0.5287,
0.2757

■ 13.3205, 0.5567,
0.2840

Harmonies

Analogous

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



41.8524, 0.3134, 0.2940



41.8524, 0.3393, 0.3103



41.8524, 0.3583, 0.3315

Triad

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



41.8524, 0.3393, 0.3103



41.8524, 0.3361, 0.3754



41.8524, 0.2635, 0.3020

Complementary

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



41.8524, 0.3393, 0.3103



54.5557, 0.2919, 0.3486

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.



41.8524, 0.2690, 0.3238



41.8524, 0.3393, 0.3103



41.8524, 0.3103, 0.3679

Square

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



41.8524, 0.3393, 0.3103



41.8524, 0.3562, 0.3693



41.8524, 0.2859, 0.3484



41.8524, 0.2703, 0.2886

Rectangle

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



41.8524, 0.3393, 0.3103



41.8524, 0.3641, 0.3460



41.8524, 0.2859, 0.3484



41.8524, 0.2639, 0.3085

Sweetspot

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



41.8543, 0.3393, 0.3103



90.0062, 0.3195, 0.3237



40.9693, 0.3013, 0.2761



19.0425, 0.3202, 0.3231



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.



41.8543, 0.3393, 0.3103



63.4862, 0.3471, 0.3058



43.3071, 0.3521, 0.3362



11.2787, 0.3235, 0.3208



8.3976, 0.5530, 0.2820



0.4476, 0.4986, 0.2520

Inverse Universe

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



41.8543, 0.3393, 0.3103



63.4862, 0.3471, 0.3058



52.6244, 0.2818, 0.3217



11.2787, 0.3235, 0.3208



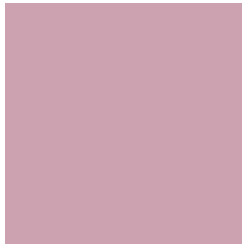
8.3976, 0.5530, 0.2820



0.4476, 0.4986, 0.2520

Previews

White Background



This preview shows how the Yxy color 41.8524, 0.3393, 0.3103 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 41.8524, 0.3393, 0.3103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

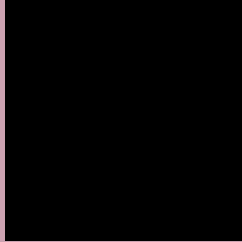
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.8524, 0.3393, 0.3103

Background



This preview shows how black text looks on a background with the Yxy color 41.8524, 0.3393, 0.3103.



This preview shows how white text looks on a background with the Yxy color 41.8524, 0.3393, 0.3103.

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

41.8524, 0.3393, 0.3103

Protanopia

41.9226, 0.3055, 0.3142

Deuteranopia

41.9587, 0.3252, 0.3186



Tritanopia

41.7732, 0.3411, 0.3128

Trichromacy



Original Color

41.8524, 0.3393, 0.3103

Protanomaly

41.6557, 0.3172, 0.3120

Deuteranomaly

41.8764, 0.3301, 0.3162

Tritanomaly

41.8126, 0.3402, 0.3115

Monochromacy



Original Color

41.8524, 0.3393, 0.3103

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

42.6995, 0.3221, 0.3225

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.8524, 0.3393, 0.3103 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, 162, 177)` looks like.

```
.text, #text, p{  
    color:rgb(204, 162, 177)  
}
```

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, 162, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 162, 177) }
```

Border

The CSS property to change the border of an element to Yxy 41.8524, 0.3393, 0.3103 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, 162, 177) }
```

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

```
.border{ border-color:rgb(204, 162, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 162, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 162, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 162, 177);  
box-shadow:4px 4px 4px 4px rgb(204, 162,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 41.8524, 0.3393, 0.3103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 162, 177) }
```

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

```
.background{ background-color: rgb(204,  
162, 177) }
```

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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