

Converting Colors

$Y_{xy}(41.7823, 0.3355, 0.3161)$

Have a look what the booklet for
Yxy(41.7823, 0.3355, 0.3161)
contains.

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Color

Yxy(41.6518, 0.3351, 0.3150)

Conversions

Conversions Part 1

Format	Color
Hex	C6A4AF
RGB	198, 164, 175
RGB Percent	78%, 64%, 69%
CMY	0.2234, 0.3569, 0.3137
CMYK	0.00, 0.17, 0.12, 0.22
HSL	341°, 23%, 71%
HSV	341°, 17%, 78%
XYZ	44.3096, 41.6518, 46.2666
YIQ	175.4200, 16.7330, 10.6290

Conversions

Conversions Part 2

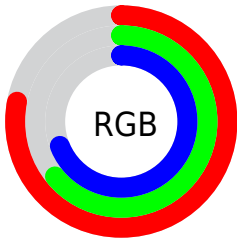
Format	Color
RYB	198, 164, 175
Decimal	13018287
CIELab	70.63, 14.29, -1.00
CIELCh	71, 14.323, 356.006
Yxy	41.6518, 0.3351, 0.3150
Android (android.graphics.Color)	4291208367 (0xFFC6A4AF)
YUV	175.4200, -0.2071, 19.8027
Hunter-Lab	64.5382, 9.6097, 2.6726

Details

The Yxy color **41.6518, 0.3351, 0.3150** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **51.8845, 0.2945, 0.3435**, and the grayscale version is **43.0959, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.6362, 0.3313, 0.3181**, and **18.9477, 0.3415, 0.3100** is the 20% darker color. If you saturate the color by 10%, you get **34.6088, 0.3522, 0.3063**, and if you desaturate by 10%, it is **49.8543, 0.3211, 0.3233**.

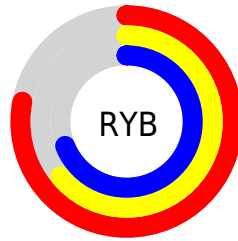
Distribution



Red (78%)

Green (64%)

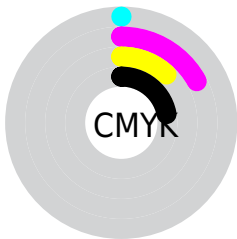
Blue (69%)



Red (78%)

Yellow (64%)

Blue (69%)

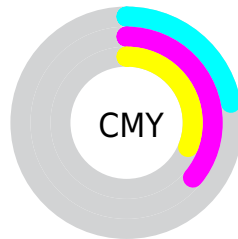


Cyan (0%)

Magenta (17%)

Yellow (12%)

Black (22%)



Cyan (22%)


Magenta (36%)


Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.6518, 0.3351, 0.3150 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 41.6518, 0.3351, 0.3150 by changing the saturation by 10% instead.


 41.6518, 0.3351,
0.3150

 41.6518, 0.3351,
0.3150


353.0375, 0.3237,
0.3221

 28.8287, 0.3380,
0.3132


 77.6724, 0.3309,
0.3176

 18.9513, 0.3418,
0.3109


 101.6387, 0.3294,
0.3186

 11.6351, 0.3469,
0.3077


130.0882, 0.3280,
0.3194

 6.4957, 0.3542,
0.3032

163.4053, 0.3269,
0.3201

 3.1488, 0.3653,
0.2964

201.9743, 0.3260,
0.3207

 1.2099, 0.3847,
0.2847

246.1798, 0.3251,

 0.0698, 0.6583,

0.3212

0.1106

296.4061, 0.3244,
0.3217

0.0000, 0.0000,
0.0000

41.6518, 0.3351,
0.3150

41.6518, 0.3351,
0.3150

34.6088, 0.3522,
0.3063

49.8543, 0.3211,
0.3233

28.6674, 0.3728,
0.2976

59.2599, 0.3097,
0.3311

23.7729, 0.3976,
0.2893

69.9167, 0.3004,
0.3383

19.8637, 0.4265,
0.2823

81.8683, 0.2928,
0.3450

16.8717, 0.4592,
0.2777

89.9400, 0.2861,
0.3427

■ 14.7202, 0.4941,
0.2766

■ 90.7506, 0.2795,
0.3289

■ 13.3196, 0.5289,
0.2801

■ 12.5471, 0.5605,
0.2883

■ 12.3820, 0.5689,
0.2907

Harmonies

Analogous

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



41.6518, 0.3147, 0.3014



41.6518, 0.3351, 0.3150



41.6518, 0.3496, 0.3323

Triad

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



41.6518, 0.3351, 0.3150



41.6518, 0.3304, 0.3657



41.6518, 0.2732, 0.3067

Complementary

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



41.6518, 0.3351, 0.3150



51.8845, 0.2945, 0.3435

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.



41.6518, 0.2771, 0.3239



41.6518, 0.3351, 0.3150



41.6518, 0.3097, 0.3590

Square

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



41.6518, 0.3351, 0.3150



41.6518, 0.3467, 0.3619



41.6518, 0.2903, 0.3433



41.6518, 0.2794, 0.2963

Rectangle

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



41.6518, 0.3351, 0.3150



41.6518, 0.3538, 0.3440



41.6518, 0.2903, 0.3433



41.6518, 0.2733, 0.3119

Sweetspot

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



41.6537, 0.3351, 0.3150



91.5902, 0.3185, 0.3250



41.1517, 0.3045, 0.2855



19.3606, 0.3194, 0.3245



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.



41.6537, 0.3351, 0.3150



68.3465, 0.3417, 0.3115



43.3145, 0.3441, 0.3364



10.6926, 0.3240, 0.3215



8.0631, 0.5654, 0.2888



0.3952, 0.5054, 0.2558

Inverse Universe

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



41.6537, 0.3351, 0.3150



68.3465, 0.3417, 0.3115



49.8286, 0.2867, 0.3215



10.6926, 0.3240, 0.3215



8.0631, 0.5654, 0.2888



0.3952, 0.5054, 0.2558

Previews

White Background



This preview shows how the Yxy color 41.6518, 0.3351, 0.3150 looks on a white background.

Color Contrast Check

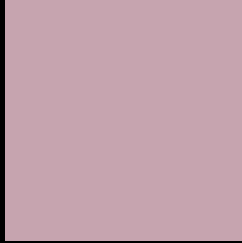
Large Text (above 18pt) WCAG AA × Fail

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 41.6518, 0.3351, 0.3150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

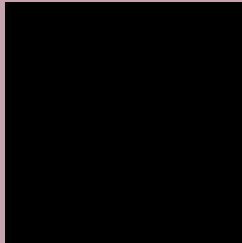
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.6518, 0.3351, 0.3150

Background



This preview shows how black text looks on a background with the Yxy color 41.6518, 0.3351, 0.3150.



This preview shows how white text looks on a background with the Yxy color 41.6518, 0.3351, 0.3150.

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

41.6518, 0.3351, 0.3150

Protanopia

41.7990, 0.3079, 0.3182

Deuteranopia

41.8801, 0.3269, 0.3212



Tritanopia

41.6913, 0.3342, 0.3138

Trichromacy



Original Color

41.6518, 0.3351, 0.3150

Protanomaly

41.6576, 0.3178, 0.3171

Deuteranomaly

41.8999, 0.3299, 0.3200

Tritanomaly

41.6913, 0.3342, 0.3138

Monochromacy



Original Color

41.6518, 0.3351, 0.3150

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 41.6518, 0.3351, 0.3150 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, 175)` looks like.

```
.text, #text, p{  
    color:rgb(198, 164, 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(198, 164, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 164, 175) }
```

Border

The CSS property to change the border of an element to Yxy 41.6518, 0.3351, 0.3150 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, 175) }
```

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

```
.border{ border-color:rgb(198, 164, 175) }
```

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, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 164, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 164, 175);  
box-shadow:4px 4px 4px 4px rgb(198, 164,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 41.6518, 0.3351, 0.3150 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, 175) }
```

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

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