

Converting Colors

$Yxy(40.9201, 0.3297, 0.3126)$

Have a look what the booklet for
Yxy(40.9201, 0.3297, 0.3126)
contains.

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Color

Yxy(41.0230, 0.3294, 0.3135)

Conversions

Conversions Part 1

Format	Color
Hex	C1A4B0
RGB	193, 164, 176
RGB Percent	76%, 64%, 69%
CMY	0.2432, 0.3568, 0.3097
CMYK	0.00, 0.15, 0.09, 0.24
HSL	335°, 19%, 70%
HSV	335°, 15%, 76%
XYZ	43.1036, 41.0230, 46.7283
YIQ	174.0390, 13.4320, 9.8800

Conversions

Conversions Part 2

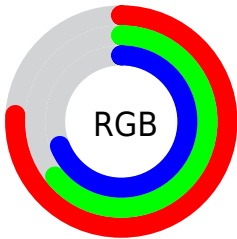
Format	Color
R_{YB}	193, 164, 176
Decimal	12690608
CIE _{Lab}	70.19, 12.63, -2.25
CIE _{LCh}	70, 12.827, 349.890
Yxy	41.0230, 0.3294, 0.3135
Android (android.graphics.Color)	4290880688 (0xFFC1A4B0)
YUV	174.0390, 0.9668, 16.6288
Hunter-Lab	64.0492, 8.0402, 1.5783

Details

The Yxy color **41.0230, 0.3294, 0.3135** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.3647, 0.2986, 0.3450**, and the grayscale version is **42.3392, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.8132, 0.3263, 0.3159**, and **18.5325, 0.3336, 0.3079** is the 20% darker color. If you saturate the color by 10%, you get **34.2040, 0.3435, 0.3025**, and if you desaturate by 10%, it is **48.9311, 0.3178, 0.3240**.

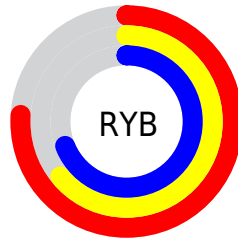
Distribution



Red (76%)

Green (64%)

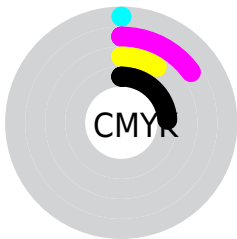
Blue (69%)



Red (76%)

Yellow (64%)

Blue (69%)

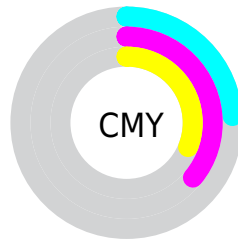


Cyan (0%)

Magenta (15%)

Yellow (9%)

Black (24%)



Cyan (24%)


Magenta (36%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.0230, 0.3294, 0.3135 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 41.0230, 0.3294, 0.3135 by changing the saturation by 10% instead.

 41.0230, 0.3294,
0.3135

 41.0230, 0.3294,
0.3135


350.4167, 0.3209,
0.3213

 28.3371, 0.3316,
0.3115

 76.7188, 0.3263,
0.3164

 18.5799, 0.3344,
0.3089


 100.4975, 0.3251,
0.3174

 11.3671, 0.3382,
0.3055


128.7425, 0.3241,
0.3183

 6.3143, 0.3436,
0.3006

161.8382, 0.3233,
0.3191

 3.0371, 0.3519,
0.2931

200.1692, 0.3226,
0.3198

 1.1512, 0.3663,
0.2804

244.1196, 0.3220,

 0.0213, 0.6194,

0.3204

0.0401

294.0740, 0.3214,
0.3209

0.0000, 0.0000,
0.0000

41.0230, 0.3294,
0.3135

41.0230, 0.3294,
0.3135

34.2040, 0.3435,
0.3025

48.9311, 0.3178,
0.3240

28.4206, 0.3605,
0.2914

57.9678, 0.3082,
0.3338

23.6231, 0.3807,
0.2806

68.1773, 0.3003,
0.3429

19.7554, 0.4043,
0.2710

79.5998, 0.2938,
0.3513

16.7556, 0.4310,
0.2637

88.7127, 0.2882,
0.3532

■ 14.5545, 0.4601,
0.2598

■ 89.3779, 0.2824,
0.3408

■ 13.0719, 0.4900,
0.2606

■ 90.0763, 0.2768,
0.3289

■ 12.2103, 0.5188,
0.2667

■ 11.9149, 0.5327,
0.2708

Harmonies

Analogous

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



41.0230, 0.3106, 0.3022



41.0230, 0.3294, 0.3135



41.0230, 0.3439, 0.3288

Triad

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



41.0230, 0.3294, 0.3135



41.0230, 0.3321, 0.3621



41.0230, 0.2770, 0.3118

Complementary

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



41.0230, 0.3294, 0.3135



49.3647, 0.2986, 0.3450

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.



41.0230, 0.2824, 0.3280



41.0230, 0.3294, 0.3135



41.0230, 0.3139, 0.3579

Square

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



41.0230, 0.3294, 0.3135



41.0230, 0.3454, 0.3569



41.0230, 0.2958, 0.3452



41.0230, 0.2808, 0.3008

Rectangle

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



41.0230, 0.3294, 0.3135



41.0230, 0.3490, 0.3395



41.0230, 0.2958, 0.3452



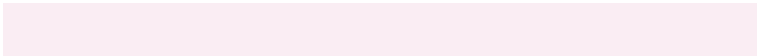
41.0230, 0.2778, 0.3168

Sweetspot

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



41.0248, 0.3294, 0.3135



87.5545, 0.3178, 0.3239



40.2166, 0.3036, 0.2911



18.5543, 0.3186, 0.3232



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



41.0248, 0.3294, 0.3135



69.2867, 0.3337, 0.3100



41.4430, 0.3400, 0.3322



10.1456, 0.3225, 0.3195



7.9408, 0.5294, 0.2690



0.3568, 0.4718, 0.2373

Inverse Universe

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



41.0248, 0.3294, 0.3135



69.2867, 0.3337, 0.3100



48.8200, 0.2901, 0.3257



10.1456, 0.3225, 0.3195



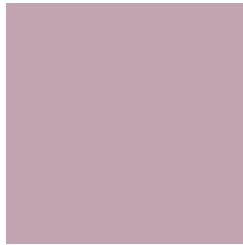
7.9408, 0.5294, 0.2690



0.3568, 0.4718, 0.2373

Previews

White Background



This preview shows how the Yxy color 41.0230, 0.3294, 0.3135 looks on a white background.

Color Contrast Check

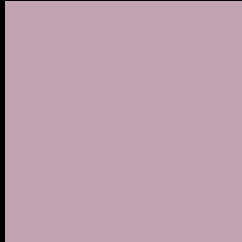
Large Text (above 18pt) WCAG AA × Fail

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 41.0230, 0.3294, 0.3135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

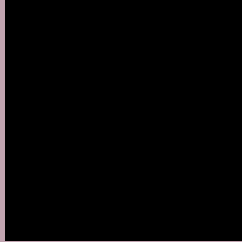
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.0230, 0.3294, 0.3135

Background



This preview shows how black text looks on a background with the Yxy color 41.0230, 0.3294, 0.3135.



This preview shows how white text looks on a background with the Yxy color 41.0230, 0.3294, 0.3135.

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

41.0230, 0.3294, 0.3135

Protanopia

41.1918, 0.3062, 0.3168

Deuteranopia

40.9718, 0.3235, 0.3159



Tritanopia

41.0627, 0.3285, 0.3122

Trichromacy



Original Color

41.0230, 0.3294, 0.3135

Protanomaly

40.9632, 0.3143, 0.3143

Deuteranomaly

40.8637, 0.3255, 0.3146

Tritanomaly

41.0627, 0.3285, 0.3122

Monochromacy



Original Color

41.0230, 0.3294, 0.3135

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.6684, 0.3185, 0.3223

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.0230, 0.3294, 0.3135 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(193, 164, 176)` looks like.

```
.text, #text, p{  
    color:rgb(193, 164, 176)  
}
```

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(193, 164, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 164, 176) }
```

Border

The CSS property to change the border of an element to Yxy 41.0230, 0.3294, 0.3135 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(193, 164, 176) }
```

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

```
.border{ border-color:rgb(193, 164, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 164, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 164, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 164, 176);  
box-shadow:4px 4px 4px 4px rgb(193, 164,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 41.0230, 0.3294, 0.3135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 164, 176) }
```

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

```
.background{ background-color: rgb(193,  
164, 176) }
```

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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