

Converting Colors

$Yxy(40.3864, 0.3299, 0.3044)$

Have a look what the booklet for
Yxy(40.3864, 0.3299, 0.3044)
contains.

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Color

Yxy(40.3072, 0.3301, 0.3035)

Conversions

Conversions Part 1

Format	Color
Hex	C5A0B4
RGB	197, 160, 180
RGB Percent	77%, 63%, 71%
CMY	0.2274, 0.3726, 0.2940
CMYK	0.00, 0.19, 0.09, 0.23
HSL	328°, 24%, 70%
HSV	328°, 19%, 77%
XYZ	43.8399, 40.3072, 48.6608
YIQ	173.3430, 15.6320, 14.0640

Conversions

Conversions Part 2

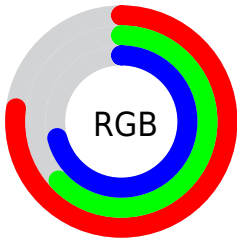
Format	Color
RYB	197, 160, 180
Decimal	12951732
CIELab	69.69, 16.98, -5.17
CIElCh	70, 17.747, 343.054
Yxy	40.3072, 0.3301, 0.3035
Android (android.graphics.Color)	4291141812 (0xFFC5A0B4)
YUV	173.3430, 3.2819, 20.7472
Hunter-Lab	63.4880, 12.1544, -1.0017

Details

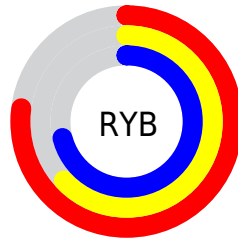
The Yxy color **40.3072, 0.3301, 0.3035** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.5875, 0.2984, 0.3560**, and the grayscale version is **41.9523, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.7278, 0.3268, 0.3081**, and **18.0971, 0.3358, 0.2961** is the 20% darker color. If you saturate the color by 10%, you get **33.6543, 0.3420, 0.2892**, and if you desaturate by 10%, it is **48.0702, 0.3201, 0.3174**.

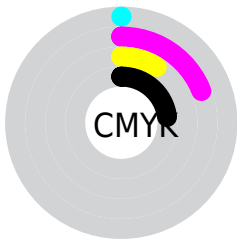
Distribution



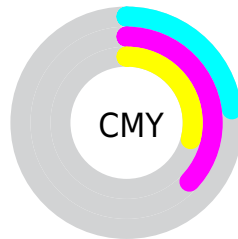
- Red (77%)
- Green (63%)
- Blue (71%)



- Red (77%)
- Yellow (63%)
- Blue (71%)



- Cyan (0%)
- Magenta (19%)
- Yellow (9%)
- Black (23%)



- Cyan (23%)
- Magenta (37%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.3072, 0.3301, 0.3035 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 40.3072, 0.3301, 0.3035 by changing the saturation by 10% instead.


 40.3072, 0.3301,
0.3035


 40.3072, 0.3301,
0.3035


347.4167, 0.3213,
0.3163

 27.7781, 0.3323,
0.3003


 75.6311, 0.3269,
0.3082

 18.1585, 0.3352,
0.2961


 99.1947, 0.3257,
0.3099

 11.0638, 0.3390,
0.2906


127.2053, 0.3247,
0.3114

 6.1098, 0.3445,
0.2828

160.0472, 0.3238,
0.3127

 2.9120, 0.3528,
0.2711

198.1050, 0.3231,
0.3138

 1.0859, 0.3668,
0.2516

241.7629, 0.3224,

 0.0000, 0.5408,

0.3147

0.0000

291.4053, 0.3218,
0.3156

0.0000, 0.0000,
0.0000

40.3072, 0.3301,
0.3035

40.3072, 0.3301,
0.3035

33.6543, 0.3420,
0.2892

48.0702, 0.3201,
0.3174

28.0548, 0.3561,
0.2749

56.9858, 0.3118,
0.3305

23.4550, 0.3724,
0.2614

67.1010, 0.3049,
0.3429

19.7945, 0.3910,
0.2496

78.4584, 0.2992,
0.3543

17.0061, 0.4114,
0.2406

88.8422, 0.2944,
0.3612

■ 15.0135, 0.4332,
0.2356

■ 89.3497, 0.2896,
0.3511

■ 13.7273, 0.4553,
0.2357

■ 89.8838, 0.2849,
0.3413

■ 13.0000, 0.4768,
0.2408

■ 90.4448, 0.2802,
0.3317

■ 12.9253, 0.4795,
0.2415

■ 90.6127, 0.2789,
0.3289

Harmonies

Analogous

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



40.3072, 0.3036, 0.2900



40.3072, 0.3301, 0.3035



40.3072, 0.3525, 0.3233

Triad

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



40.3072, 0.3301, 0.3035



40.3072, 0.3446, 0.3746



40.3072, 0.2641, 0.3093

Complementary

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



40.3072, 0.3301, 0.3035



50.5875, 0.2984, 0.3560

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.



40.3072, 0.2741, 0.3330



40.3072, 0.3301, 0.3035



40.3072, 0.3201, 0.3722

Square

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



40.3072, 0.3301, 0.3035



40.3072, 0.3609, 0.3642



40.3072, 0.2944, 0.3567



40.3072, 0.2664, 0.2924

Rectangle

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



40.3072, 0.3301, 0.3035



40.3072, 0.3617, 0.3380



40.3072, 0.2944, 0.3567



40.3072, 0.2661, 0.3167

Sweetspot

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



40.3090, 0.3301, 0.3035



90.1795, 0.3177, 0.3210



38.4789, 0.2965, 0.2803



19.0834, 0.3183, 0.3201



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.



40.3090, 0.3301, 0.3035



66.5036, 0.3353, 0.2970



39.6160, 0.3473, 0.3267



10.7313, 0.3207, 0.3166



8.5169, 0.4768, 0.2400



0.4178, 0.4357, 0.2174

Inverse Universe

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



40.3090, 0.3301, 0.3035



66.5036, 0.3353, 0.2970



51.3612, 0.2860, 0.3314



10.7313, 0.3207, 0.3166



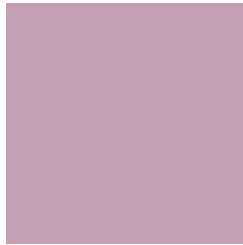
8.5169, 0.4768, 0.2400



0.4178, 0.4357, 0.2174

Previews

White Background



This preview shows how the Yxy color 40.3072, 0.3301, 0.3035 looks on a white background.

Color Contrast Check

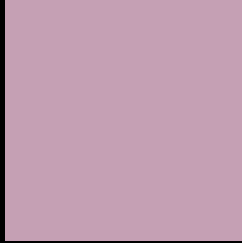
Large Text (above 18pt) WCAG AA × Fail

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 40.3072, 0.3301, 0.3035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

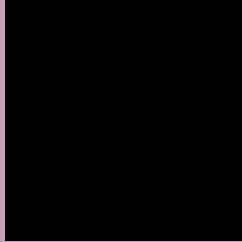
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.3072, 0.3301, 0.3035

Background



This preview shows how black text looks on a background with the Yxy color 40.3072, 0.3301, 0.3035.



This preview shows how white text looks on a background with the Yxy color 40.3072, 0.3301, 0.3035.

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

40.3072, 0.3301, 0.3035

Protanopia

40.3561, 0.2987, 0.3059

Deuteranopia

40.2322, 0.3173, 0.3104



Tritanopia

40.2815, 0.3346, 0.3123

Trichromacy



Original Color

40.3072, 0.3301, 0.3035

Protanomaly

40.3168, 0.3093, 0.3050

Deuteranomaly

40.1404, 0.3221, 0.3081

Tritanomaly

40.3601, 0.3327, 0.3098

Monochromacy



Original Color

40.3072, 0.3301, 0.3035

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.0849, 0.3187, 0.3184

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.3072, 0.3301, 0.3035 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(197, 160, 180)` looks like.

```
.text, #text, p{  
    color:rgb(197, 160, 180)  
}
```

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(197, 160, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 160, 180) }
```

Border

The CSS property to change the border of an element to Yxy 40.3072, 0.3301, 0.3035 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(197, 160, 180) }
```

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

```
.border{ border-color:rgb(197, 160, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 160, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 160, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 160, 180);  
box-shadow:4px 4px 4px 4px rgb(197, 160,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 40.3072, 0.3301, 0.3035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 160, 180) }
```

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

```
.background{ background-color: rgb(197,  
160, 180) }
```

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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