

Converting Colors

$Y_{xy}(40.3321, 0.3374, 0.2998)$

Have a look what the booklet for
Yxy(40.3321, 0.3374, 0.2998)
contains.

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Color

Yxy(40.3884, 0.3382, 0.3004)

Conversions

Conversions Part 1

Format	Color
Hex	CD9DB4
RGB	205, 157, 180
RGB Percent	80%, 62%, 71%
CMY	0.1961, 0.3843, 0.2940
CMYK	0.00, 0.23, 0.12, 0.20
HSL	331°, 32%, 71%
HSV	331°, 23%, 80%
XYZ	45.4706, 40.3884, 48.5898
YIQ	173.9740, 21.2250, 17.3290

Conversions

Conversions Part 2

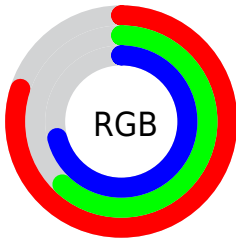
Format	Color
R _Y B	205, 157, 180
Decimal	13475252
CIE Lab	69.75, 21.46, -5.00
CIE LCh	70, 22.034, 346.887
Yxy	40.3884, 0.3382, 0.3004
Android (android.graphics.Color)	4291665332 (0xFFCD9DB4)
YUV	173.9740, 2.9708, 27.2098
Hunter-Lab	63.5519, 16.4987, -0.8450

Details

The Yxy color $40.3884, 0.3382, 0.3004$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $54.2011, 0.2930, 0.3595$, and the grayscale version is $42.2907, 0.3127, 0.3290$.

A 20% lighter version of the original color is $74.4031, 0.3278, 0.3051$, and $18.1195, 0.3460, 0.2921$ is the 20% darker color. If you saturate the color by 10%, you get $33.6074, 0.3529, 0.2875$, and if you desaturate by 10%, it is $48.3701, 0.3259, 0.3130$.

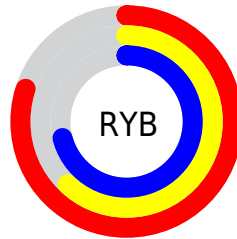
Distribution



Red (80%)

Green (62%)

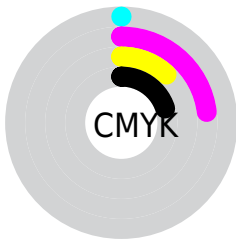
Blue (71%)



Red (80%)

Yellow (62%)

Blue (71%)

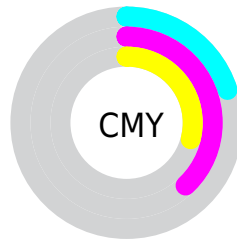


Cyan (0%)

Magenta (23%)

Yellow (12%)

Black (20%)



Cyan (20%)


Magenta (38%)

Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.3884, 0.3382, 0.3004 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 40.3884, 0.3382, 0.3004 by changing the saturation by 10% instead.

 40.3884, 0.3382,
0.3004

 40.3884, 0.3382,
0.3004


347.7579, 0.3253,
0.3147

 27.8415, 0.3415,
0.2968


 75.7546, 0.3335,
0.3056

 18.2062, 0.3457,
0.2922


 99.3427, 0.3317,
0.3076

 11.0981, 0.3514,
0.2860


127.3799, 0.3302,
0.3092

 6.1329, 0.3594,
0.2774

160.2508, 0.3290,
0.3107

 2.9261, 0.3717,
0.2645

198.3396, 0.3279,
0.3119

 1.0932, 0.3926,
0.2430

242.0308, 0.3269,

 0.0000, 0.6093,

0.3130

0.0000

291.7088, 0.3261,
0.3139

■ 0.0000, 0.0000,
0.0000

■ 40.3884, 0.3382,
0.3004

■ 40.3884, 0.3382,
0.3004

■ 33.6074, 0.3529,
0.2875

■ 48.3701, 0.3259,
0.3130

■ 27.9630, 0.3703,
0.2750

■ 57.6018, 0.3158,
0.3251

■ 23.3931, 0.3904,
0.2635

■ 68.1366, 0.3074,
0.3364

■ 19.8276, 0.4133,
0.2542

■ 80.0229, 0.3004,
0.3468

■ 17.1879, 0.4382,
0.2484

■ 90.4005, 0.2946,
0.3519

■ 15.3836, 0.4642,
0.2471

■ 91.0300, 0.2890,
0.3404

■ 14.3056, 0.4898,
0.2512

■ 91.6969, 0.2834,
0.3292

■ 13.8650, 0.5061,
0.2562

■ 91.7171, 0.2832,
0.3289

Harmonies

Analogous

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



40.3884, 0.3054, 0.2828



40.3884, 0.3382, 0.3004



40.3884, 0.3649, 0.3251

Triad

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



40.3884, 0.3382, 0.3004



40.3884, 0.3485, 0.3864



40.3884, 0.2524, 0.3009

Complementary

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



40.3884, 0.3382, 0.3004



54.2011, 0.2930, 0.3595

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.



40.3884, 0.2627, 0.3297



40.3884, 0.3382, 0.3004



40.3884, 0.3174, 0.3816

Square

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



40.3884, 0.3382, 0.3004



40.3884, 0.3707, 0.3746



40.3884, 0.2861, 0.3602



40.3884, 0.2572, 0.2819

Rectangle

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



40.3884, 0.3382, 0.3004



40.3884, 0.3750, 0.3431



40.3884, 0.2861, 0.3602



40.3884, 0.2542, 0.3097

Sweetspot

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



40.3902, 0.3382, 0.3004



88.5514, 0.3193, 0.3207



38.4444, 0.2945, 0.2675



18.7530, 0.3199, 0.3200



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.



40.3902, 0.3382, 0.3004



60.4290, 0.3452, 0.2940



39.8002, 0.3605, 0.3302



11.3018, 0.3216, 0.3179



8.6518, 0.5028, 0.2543



0.4617, 0.4580, 0.2297

Inverse Universe

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



40.3902, 0.3382, 0.3004



60.4290, 0.3452, 0.2940



54.8503, 0.2783, 0.3279



11.3018, 0.3216, 0.3179



8.6518, 0.5028, 0.2543



0.4617, 0.4580, 0.2297

Previews

White Background



This preview shows how the Yxy color 40.3884, 0.3382, 0.3004 looks on a white background.

Color Contrast Check

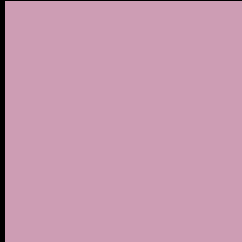
Large Text (above 18pt) WCAG AA × Fail

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 40.3884, 0.3382, 0.3004 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 40.3884, 0.3382, 0.3004

Background



This preview shows how black text looks on a background with the Yxy color 40.3884, 0.3382, 0.3004.



This preview shows how white text looks on a background with the Yxy color 40.3884, 0.3382, 0.3004.

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

40.3884, 0.3382, 0.3004

Protanopia

40.8153, 0.2972, 0.3046

Deuteranopia

40.6771, 0.3190, 0.3131



Tritanopia

40.5739, 0.3455, 0.3140

Trichromacy



Original Color

40.3884, 0.3382, 0.3004

Protanomaly

40.3581, 0.3112, 0.3026

Deuteranomaly

40.6555, 0.3259, 0.3083

Tritanomaly

40.3471, 0.3428, 0.3090

Monochromacy



Original Color

40.3884, 0.3382, 0.3004

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.4541, 0.3215, 0.3185

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.3884, 0.3382, 0.3004 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(205, 157, 180)` looks like.

```
.text, #text, p{  
    color:rgb(205, 157, 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(205, 157, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 157, 180) }
```

Border

The CSS property to change the border of an element to Yxy 40.3884, 0.3382, 0.3004 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(205, 157, 180) }
```

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

```
.border{ border-color:rgb(205, 157, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 157, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 157, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 157, 180);  
box-shadow:4px 4px 4px 4px rgb(205, 157,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 40.3884, 0.3382, 0.3004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 157, 180) }
```

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

```
.background{ background-color: rgb(205,  
157, 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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