

Converting Colors

$Yxy(40.1397, 0.3644, 0.3382)$

Have a look what the booklet for
Yxy(40.1397, 0.3644, 0.3382)
contains.

Yxy(40.0424, 0.3651, 0.3381)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(40.0424, 0.3651, 0.3381)

Conversions

Conversions Part 1

Format	Color
Hex	CD9F98
RGB	205, 159, 152
RGB Percent	80%, 62%, 60%
CMY	0.1961, 0.3764, 0.4040
CMYK	0.00, 0.22, 0.26, 0.20
HSL	8°, 35%, 70%
HSV	8°, 26%, 80%
XYZ	43.2401, 40.0424, 35.1511
YIQ	171.9560, 29.6630, 7.5750

Conversions

Conversions Part 2

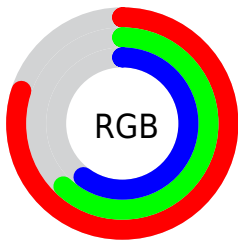
Format	Color
R _Y B	205, 160, 152
Decimal	13475736
CIE Lab	69.50, 16.02, 10.21
CIE LCh	69, 18.996, 32.523
Yxy	40.0424, 0.3651, 0.3381
Android (android.graphics.Color)	4291665816 (0xFFCD9F98)
YUV	171.9560, -9.8383, 28.9796
Hunter-Lab	63.2791, 11.2350, 11.3602

Details

The Yxy color **40.0424, 0.3651, 0.3381** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **51.4578, 0.2743, 0.3197**, and the grayscale version is **41.2714, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.8094, 0.3492, 0.3373**, and **17.9390, 0.3820, 0.3395** is the 20% darker color. If you saturate the color by 10%, you get **33.7462, 0.3937, 0.3418**, and if you desaturate by 10%, it is **47.3384, 0.3416, 0.3344**.

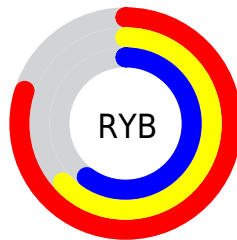
Distribution



Red (80%)

Green (62%)

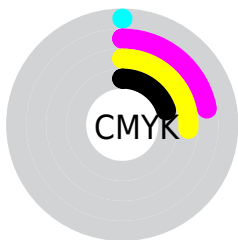
Blue (60%)



Red (80%)

Yellow (63%)

Blue (60%)

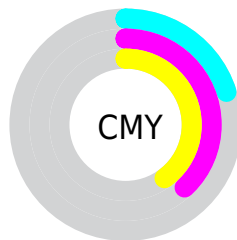


Cyan (0%)

Magenta (22%)

Yellow (26%)

Black (20%)



Cyan (20%)


Magenta (38%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.0424, 0.3651, 0.3381 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 40.0424, 0.3651, 0.3381 by changing the saturation by 10% instead.


 40.0424, 0.3651,
0.3381


 40.0424, 0.3651,
0.3381


346.3022, 0.3380,
0.3340

 27.5716, 0.3721,
0.3390


 75.2281, 0.3550,
0.3367

 18.0030, 0.3814,
0.3400


 98.7117, 0.3513,
0.3361

 10.9521, 0.3939,
0.3412


126.6352, 0.3482,
0.3357

 6.0347, 0.4120,
0.3425

159.3827, 0.3456,
0.3352

 2.8662, 0.4402,
0.3435

197.3388, 0.3433,
0.3349

 1.0623, 0.5042,
0.3527

240.8878, 0.3413,

 0.0000, 1.0000,

0.3345

0.0000

290.4142, 0.3396,
0.3342

0.0000, 0.0000,
0.0000

40.0424, 0.3651,
0.3381

40.0424, 0.3651,
0.3381

33.7462, 0.3937,
0.3418

47.3384, 0.3416,
0.3344

28.4010, 0.4278,
0.3453

55.6694, 0.3223,
0.3309

23.9619, 0.4672,
0.3481

65.0756, 0.3066,
0.3277

20.3785, 0.5105,
0.3496

75.5936, 0.2937,
0.3247

17.5952, 0.5541,
0.3490

87.2580, 0.2831,
0.3221

■ 15.5498, 0.5926,
0.3460

■ 91.7180, 0.2833,
0.3289

■ 14.1705, 0.6204,
0.3407

■ 13.7687, 0.6291,
0.3387

Harmonies

Analogous

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



40.0424, 0.3480, 0.3149



40.0424, 0.3651, 0.3381



40.0424, 0.3674, 0.3602

Triad

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



40.0424, 0.3651, 0.3381



40.0424, 0.3023, 0.3660



40.0424, 0.2716, 0.2839

Complementary

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



40.0424, 0.3651, 0.3381



51.4578, 0.2743, 0.3197

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.



40.0424, 0.2608, 0.2949



40.0424, 0.3651, 0.3381



40.0424, 0.2779, 0.3426

Square

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



40.0424, 0.3651, 0.3381



40.0424, 0.3303, 0.3781



40.0424, 0.2630, 0.3162



40.0424, 0.2935, 0.2845

Rectangle

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



40.0424, 0.3651, 0.3381



40.0424, 0.3602, 0.3714



40.0424, 0.2630, 0.3162



40.0424, 0.2667, 0.2863

Sweetspot

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



40.0443, 0.3651, 0.3381



87.9782, 0.3263, 0.3317



39.5460, 0.3213, 0.2721



18.3747, 0.3291, 0.3322



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.



40.0443, 0.3651, 0.3381



59.6871, 0.3803, 0.3402



49.8068, 0.3572, 0.3697



11.4492, 0.3287, 0.3321



8.6519, 0.6273, 0.3401



0.5268, 0.5970, 0.3642

Inverse Universe

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



51.4578, 0.2743, 0.3197



81.4659, 0.2667, 0.3174



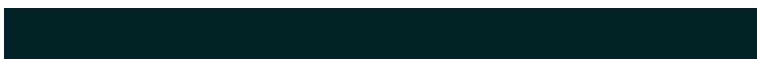
40.7042, 0.2711, 0.2846



12.4637, 0.2983, 0.3258



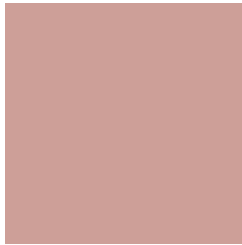
22.6299, 0.2130, 0.2869



1.2395, 0.2155, 0.2959

Previews

White Background



This preview shows how the Yxy color 40.0424, 0.3651, 0.3381 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 40.0424, 0.3651, 0.3381 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

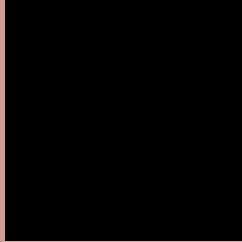
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.0424, 0.3651, 0.3381

Background



This preview shows how black text looks on a background with the Yxy color 40.0424, 0.3651, 0.3381.



This preview shows how white text looks on a background with the Yxy color 40.0424, 0.3651, 0.3381.

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

40.0424, 0.3651, 0.3381

Protanopia

40.0404, 0.3296, 0.3457

Deuteranopia

40.1227, 0.3527, 0.3463



Tritanopia

40.2439, 0.3508, 0.3141

Trichromacy



Original Color

40.0424, 0.3651, 0.3381

Protanomaly

39.8416, 0.3428, 0.3426

Deuteranomaly

39.9453, 0.3572, 0.3435

Tritanomaly

40.2199, 0.3555, 0.3228

Monochromacy



Original Color

40.0424, 0.3651, 0.3381

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.5444, 0.3304, 0.3317

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.0424, 0.3651, 0.3381 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, 159, 152)` looks like.

```
.text, #text, p{  
    color:rgb(205, 159, 152)  
}
```

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, 159, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 159, 152) }
```

Border

The CSS property to change the border of an element to Yxy 40.0424, 0.3651, 0.3381 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, 159, 152) }
```

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

```
.border{ border-color:rgb(205, 159, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 159, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 159, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 159, 152);  
box-shadow:4px 4px 4px 4px rgb(205, 159,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 40.0424, 0.3651, 0.3381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 159, 152) }
```

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

```
.background{ background-color: rgb(205,  
159, 152) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor