

Converting Colors

$Yxy(40.7494, 0.3683, 0.3409)$

Have a look what the booklet for
Yxy(40.7494, 0.3683, 0.3409)
contains.

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Color

Yxy(40.6414, 0.3678, 0.3406)

Conversions

Conversions Part 1

Format	Color
Hex	CFA097
RGB	207, 160, 151
RGB Percent	81%, 63%, 59%
CMY	0.1882, 0.3725, 0.4080
CMYK	0.00, 0.23, 0.27, 0.19
HSL	10°, 37%, 70%
HSV	10°, 27%, 81%
XYZ	43.8870, 40.6414, 34.7946
YIQ	173.0270, 30.9010, 7.1650

Conversions

Conversions Part 2

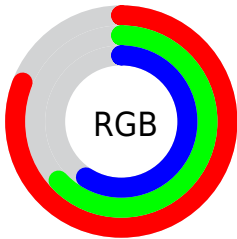
Format	Color
R_{YB}	207, 162, 151
Decimal	13607063
CIE _{Lab}	69.92, 16.10, 11.41
CIE _{LCh}	70, 19.730, 35.330
Yxy	40.6414, 0.3678, 0.3406
Android (android.graphics.Color)	4291797143 (0xFFCFA097)
YUV	173.0270, -10.8593, 29.7943
Hunter-Lab	63.7506, 11.3188, 12.2654

Details

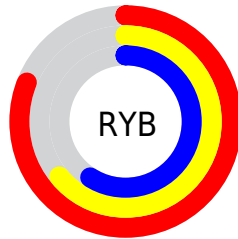
The Yxy color **40.6414, 0.3678, 0.3406** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **51.4512, 0.2724, 0.3170**, and the grayscale version is **41.8483, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.2687, 0.3498, 0.3393**, and **18.3206, 0.3857, 0.3428** is the 20% darker color. If you saturate the color by 10%, you get **34.4239, 0.3965, 0.3451**, and if you desaturate by 10%, it is **47.8213, 0.3440, 0.3361**.

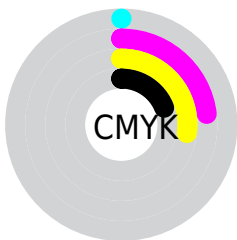
Distribution



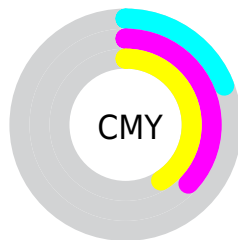
- Red (81%)
- Green (63%)
- Blue (59%)



- Red (81%)
- Yellow (64%)
- Blue (59%)



- Cyan (0%)
- Magenta (23%)
- Yellow (27%)
- Black (19%)





- Cyan (19%)
- Magenta (37%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.6414, 0.3678, 0.3406 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 40.6414, 0.3678, 0.3406 by changing the saturation by 10% instead.


 40.6414, 0.3678,
0.3406


 40.6414, 0.3678,
0.3406


348.8196, 0.3394,
0.3353

 28.0390, 0.3752,
0.3418


 76.1392, 0.3573,
0.3388

 18.3551, 0.3848,
0.3432


 99.8034, 0.3534,
0.3381

 11.2052, 0.3979,
0.3448


127.9237, 0.3501,
0.3374

 6.2050, 0.4166,
0.3467

160.8844, 0.3473,
0.3369

 2.9701, 0.4456,
0.3484

199.0700, 0.3449,
0.3364

 1.1162, 0.5119,
0.3597

242.8647, 0.3428,

 0.0000, 1.0000,

0.3360


0.0000


292.6532, 0.3410,
0.3356


 0.0000, 0.0000,
0.0000


 40.6414, 0.3678,
0.3406


 40.6414, 0.3678,
0.3406


 34.4239, 0.3965,
0.3451


 47.8213, 0.3440,
0.3361


 29.1222, 0.4305,
0.3493


 55.9962, 0.3244,
0.3318


 24.6946, 0.4696,
0.3526

 65.2042, 0.3083,
0.3279

 21.0935, 0.5120,
0.3543

 75.4798, 0.2951,
0.3242

 18.2671, 0.5545,
0.3535

 86.8558, 0.2842,
0.3209

■ 16.1573, 0.5918,
0.3498

■ 92.0057, 0.2844,
0.3289

■ 14.6966, 0.6188,
0.3435

■ 14.3759, 0.6251,
0.3419

Harmonies

Analogous

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



40.6414, 0.3514, 0.3166



40.6414, 0.3678, 0.3406



40.6414, 0.3686, 0.3630

Triad

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



40.6414, 0.3678, 0.3406



40.6414, 0.2993, 0.3655



40.6414, 0.2720, 0.2820

Complementary

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



40.6414, 0.3678, 0.3406



51.4512, 0.2724, 0.3170

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.



40.6414, 0.2596, 0.2922



40.6414, 0.3678, 0.3406



40.6414, 0.2748, 0.3405

Square

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



40.6414, 0.3678, 0.3406



40.6414, 0.3282, 0.3793



40.6414, 0.2606, 0.3133



40.6414, 0.2954, 0.2837

Rectangle

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



40.6414, 0.3678, 0.3406



40.6414, 0.3602, 0.3741



40.6414, 0.2606, 0.3133



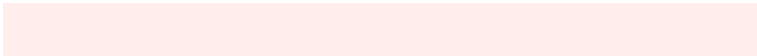
40.6414, 0.2665, 0.2840

Sweetspot

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



40.6433, 0.3678, 0.3406



88.3211, 0.3262, 0.3323



39.4928, 0.3235, 0.2715



18.4603, 0.3290, 0.3329



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.



40.6433, 0.3678, 0.3406



59.6497, 0.3824, 0.3430



51.2052, 0.3591, 0.3740



12.1120, 0.3287, 0.3328



9.1489, 0.6232, 0.3433



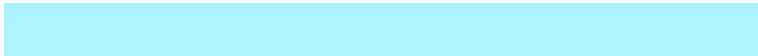
0.6102, 0.5911, 0.3688

Inverse Universe

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



51.4512, 0.2724, 0.3170



79.5550, 0.2651, 0.3144



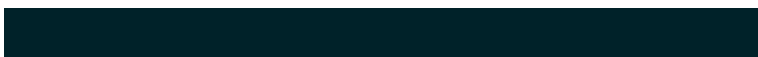
40.0480, 0.2687, 0.2795



13.0687, 0.2983, 0.3252



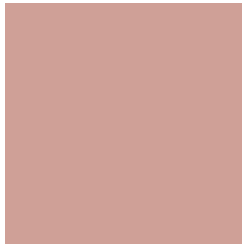
21.9305, 0.2103, 0.2772



1.3152, 0.2132, 0.2876

Previews

White Background



This preview shows how the Yxy color 40.6414, 0.3678, 0.3406 looks on a white background.

Color Contrast Check

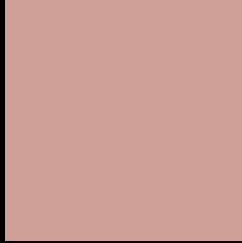
Large Text (above 18pt) WCAG AA × Fail

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 40.6414, 0.3678, 0.3406 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

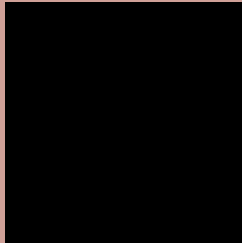
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.6414, 0.3678, 0.3406

Background



This preview shows how black text looks on a background with the Yxy color 40.6414, 0.3678, 0.3406.



This preview shows how white text looks on a background with the Yxy color 40.6414, 0.3678, 0.3406.

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

40.6414, 0.3678, 0.3406

Protanopia

40.9911, 0.3320, 0.3497

Deuteranopia

40.7144, 0.3553, 0.3489



Tritanopia

40.5338, 0.3528, 0.3142

Trichromacy



Original Color

40.6414, 0.3678, 0.3406

Protanomaly

40.7893, 0.3452, 0.3465

Deuteranomaly

40.5385, 0.3598, 0.3460

Tritanomaly

40.4723, 0.3585, 0.3241

Monochromacy



Original Color

40.6414, 0.3678, 0.3406

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.0362, 0.3312, 0.3331

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.6414, 0.3678, 0.3406 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(207, 160, 151)` looks like.

```
.text, #text, p{  
    color:rgb(207, 160, 151)  
}
```

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(207, 160, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 160, 151) }
```

Border

The CSS property to change the border of an element to Yxy 40.6414, 0.3678, 0.3406 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(207, 160, 151) }
```

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

```
.border{ border-color:rgb(207, 160, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 160, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 160, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 160, 151);  
box-shadow:4px 4px 4px 4px rgb(207, 160,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 40.6414, 0.3678, 0.3406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 160, 151) }
```

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

```
.background{ background-color: rgb(207,  
160, 151) }
```

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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