

Converting Colors

$Yxy(40.4924, 0.3666, 0.3405)$

Have a look what the booklet for
Yxy(40.4924, 0.3666, 0.3405)
contains.

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Color

Yxy(40.4978, 0.3668, 0.3406)

Conversions

Conversions Part 1

Format	Color
Hex	CEA097
RGB	206, 160, 151
RGB Percent	81%, 63%, 59%
CMY	0.1921, 0.3726, 0.4079
CMYK	0.00, 0.22, 0.27, 0.19
HSL	10°, 36%, 70%
HSV	10°, 27%, 81%
XYZ	43.6130, 40.4978, 34.7905
YIQ	172.7280, 30.3050, 6.9530

Conversions

Conversions Part 2

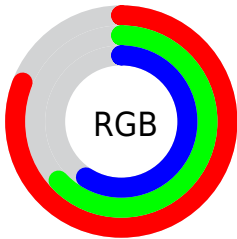
Format	Color
R _Y B	206, 162, 151
Decimal	13541527
CIE Lab	69.82, 15.73, 11.24
CIE LCh	70, 19.331, 35.553
Yxy	40.4978, 0.3668, 0.3406
Android (android.graphics.Color)	4291731607 (0xFFCEA097)
YUV	172.7280, -10.7119, 29.1795
Hunter-Lab	63.6379, 10.9653, 12.1329

Details

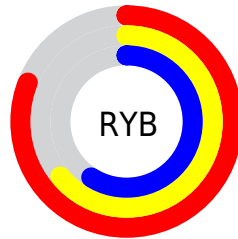
The Yxy color **40.4978, 0.3668, 0.3406** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.9704, 0.2729, 0.3170**, and the grayscale version is **41.6886, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.2687, 0.3498, 0.3393**, and **18.2245, 0.3843, 0.3429** is the 20% darker color. If you saturate the color by 10%, you get **34.3228, 0.3953, 0.3452**, and if you desaturate by 10%, it is **47.6213, 0.3432, 0.3361**.

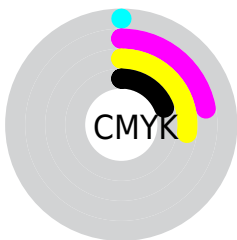
Distribution



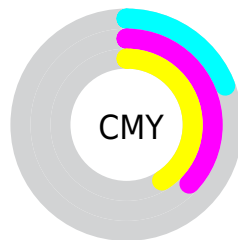
- Red (81%)
- Green (63%)
- Blue (59%)



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



- Cyan (0%)
- Magenta (22%)
- Yellow (27%)
- Black (19%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.4978, 0.3668, 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 40.4978, 0.3668, 0.3406 by changing the saturation by 10% instead.


 40.4978, 0.3668,
0.3406


 40.4978, 0.3668,
0.3406

348.2173, 0.3389,
0.3352

 27.9269, 0.3740,
0.3418


 75.9210, 0.3564,
0.3388

 18.2706, 0.3835,
0.3432


 99.5420, 0.3526,
0.3380

 11.1444, 0.3964,
0.3449


127.6152, 0.3494,
0.3374

 6.1640, 0.4148,
0.3468

160.5249, 0.3467,
0.3369

 2.9451, 0.4434,
0.3487

198.6556, 0.3443,
0.3364

 1.1031, 0.5094,
0.3605

242.3916, 0.3423,

 0.0000, 1.0000,

0.3360

0.0000

292.1174, 0.3405,
0.3356

0.0000, 0.0000,
0.0000

40.4978, 0.3668,
0.3406

40.4978, 0.3668,
0.3406

34.3228, 0.3953,
0.3452

47.6213, 0.3432,
0.3361

29.0506, 0.4290,
0.3495

55.7252, 0.3238,
0.3317

24.6404, 0.4678,
0.3529

64.8467, 0.3078,
0.3277

21.0459, 0.5101,
0.3546

75.0197, 0.2947,
0.3240

18.2164, 0.5525,
0.3540

86.2762, 0.2838,
0.3207

■ 16.0952, 0.5900,
0.3504

■ 91.8643, 0.2838,
0.3289

■ 14.6169, 0.6175,
0.3441

■ 14.2535, 0.6247,
0.3422

Harmonies

Analogous

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



40.4978, 0.3508, 0.3170



40.4978, 0.3668, 0.3406



40.4978, 0.3674, 0.3626

Triad

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



40.4978, 0.3668, 0.3406



40.4978, 0.2994, 0.3646



40.4978, 0.2729, 0.2828

Complementary

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



40.4978, 0.3668, 0.3406



50.9704, 0.2729, 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.



40.4978, 0.2606, 0.2928



40.4978, 0.3668, 0.3406



40.4978, 0.2754, 0.3401

Square

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



40.4978, 0.3668, 0.3406



40.4978, 0.3277, 0.3783



40.4978, 0.2615, 0.3134



40.4978, 0.2959, 0.2846

Rectangle

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



40.4978, 0.3668, 0.3406



40.4978, 0.3592, 0.3733



40.4978, 0.2615, 0.3134



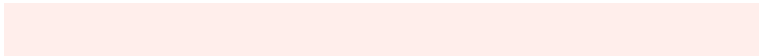
40.4978, 0.2674, 0.2848

Sweetspot

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



40.4997, 0.3668, 0.3406



88.3496, 0.3262, 0.3323



39.3198, 0.3233, 0.2723



18.4674, 0.3290, 0.3330



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.



40.4997, 0.3668, 0.3406



59.7328, 0.3823, 0.3432



50.7960, 0.3584, 0.3733



11.5055, 0.3286, 0.3329



8.8705, 0.6227, 0.3438



0.5528, 0.5883, 0.3710

Inverse Universe

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



50.9704, 0.2729, 0.3170



79.4384, 0.2650, 0.3142



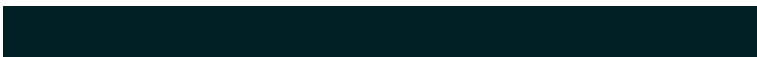
39.8778, 0.2694, 0.2803



12.4020, 0.2983, 0.3251



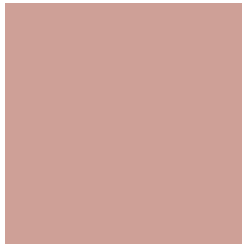
21.0955, 0.2101, 0.2764



1.1738, 0.2133, 0.2877

Previews

White Background



This preview shows how the Yxy color 40.4978, 0.3668, 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 40.4978, 0.3668, 0.3406 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

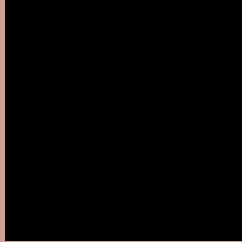
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.4978, 0.3668, 0.3406

Background



This preview shows how black text looks on a background with the Yxy color 40.4978, 0.3668, 0.3406.



This preview shows how white text looks on a background with the Yxy color 40.4978, 0.3668, 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

40.4978, 0.3668, 0.3406

Protanopia

40.4969, 0.3313, 0.3484

Deuteranopia

40.7144, 0.3553, 0.3489



Tritanopia

40.3884, 0.3518, 0.3141

Trichromacy



Original Color

40.4978, 0.3668, 0.3406

Protanomaly

40.2969, 0.3444, 0.3452

Deuteranomaly

40.5385, 0.3598, 0.3460

Tritanomaly

40.3278, 0.3575, 0.3241

Monochromacy



Original Color

40.4978, 0.3668, 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 40.4978, 0.3668, 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(206, 160, 151)` looks like.

```
.text, #text, p{  
    color:rgb(206, 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(206, 160, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 160, 151) }
```

Border

The CSS property to change the border of an element to Yxy 40.4978, 0.3668, 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(206, 160, 151) }
```

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

```
.border{ border-color:rgb(206, 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(206, 160, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 160, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 160, 151);  
box-shadow:4px 4px 4px 4px rgb(206, 160,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 40.4978, 0.3668, 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(206, 160, 151) }
```

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

```
.background{ background-color: rgb(206,  
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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