

Converting Colors

$Y_{xy}(40.7494, 0.4078, 0.3680)$

Have a look what the booklet for
Yxy(40.7494, 0.4078, 0.3680)
contains.

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Color

Yxy(40.8103, 0.4080, 0.3677)

Conversions

Conversions Part 1

Format	Color
Hex	DC9D7D
RGB	220, 157, 125
RGB Percent	86%, 62%, 49%
CMY	0.1371, 0.3844, 0.5098
CMYK	0.00, 0.29, 0.43, 0.14
HSL	20°, 58%, 68%
HSV	20°, 43%, 86%
XYZ	45.2831, 40.8103, 24.8946
YIQ	172.1890, 47.8200, 3.4040

Conversions

Conversions Part 2

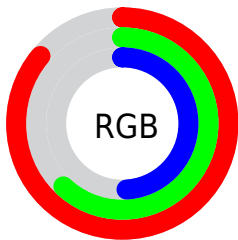
Format	Color
R_{YB}	220, 173, 125
Decimal	14458237
CIE Lab	70.04, 19.64, 26.05
CIE LCh	70, 32.627, 52.991
Yxy	40.8103, 0.4080, 0.3677
Android (android.graphics.Color)	4292648317 (0xFFDC9D7D)
YUV	172.1890, -23.2642, 41.9302
Hunter-Lab	63.8829, 14.7337, 21.6133

Details

The Yxy color **40.8103, 0.4080, 0.3677** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **45.5221, 0.2471, 0.2857**, and the grayscale version is **41.4595, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.5613, 0.3706, 0.3642**, and **18.4115, 0.4368, 0.3747** is the 20% darker color. If you saturate the color by 10%, you get **35.6628, 0.4395, 0.3758**, and if you desaturate by 10%, it is **46.6767, 0.3801, 0.3586**.

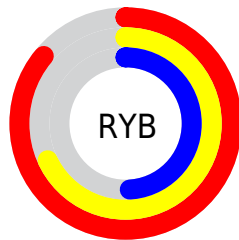
Distribution



Red (86%)

Green (62%)

Blue (49%)



Red (86%)

Yellow (68%)

Blue (49%)

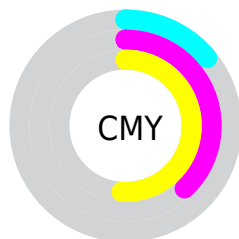


Cyan (0%)

Magenta (29%)

Yellow (43%)

Black (14%)



Cyan (14%)


Magenta (38%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.8103, 0.4080, 0.3677 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 40.8103, 0.4080, 0.3677 by changing the saturation by 10% instead.


 40.8103, 0.4080,
0.3677


 40.8103, 0.4080,
0.3677


349.5271, 0.3591,
0.3499

 28.1709, 0.4204,
0.3715


 76.3958, 0.3900,
0.3617

 18.4545, 0.4364,
0.3759


 100.1108, 0.3833,
0.3593

 11.2768, 0.4576,
0.3808


 128.2863, 0.3777,
0.3572

 6.2533, 0.4868,
0.3859

161.3069, 0.3728,
0.3554

 2.9997, 0.5313,
0.3911

199.5568, 0.3687,
0.3538

 1.1316, 0.6066,
0.3934

243.4206, 0.3651,

 0.0047, 0.9903,

0.3523

0.0097

293.2826, 0.3619,
0.3510

0.0000, 0.0000,
0.0000

40.8103, 0.4080,
0.3677

40.8103, 0.4080,
0.3677

35.6628, 0.4395,
0.3758

46.6767, 0.3801,
0.3586

31.1991, 0.4739,
0.3820

53.2831, 0.3559,
0.3493

27.3900, 0.5094,
0.3850

60.6575, 0.3352,
0.3402

24.2015, 0.5433,
0.3835

68.8240, 0.3177,
0.3316

21.5954, 0.5724,
0.3771

77.8062, 0.3029,
0.3236

 20.1256, 0.5889,
0.3706

 87.4947, 0.2914,
0.3183

 93.9618, 0.2917,
0.3289

Harmonies

Analogous

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



40.8103, 0.3959, 0.3298



40.8103, 0.4080, 0.3677



40.8103, 0.3923, 0.3998

Triad

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



40.8103, 0.4080, 0.3677



40.8103, 0.2651, 0.3668



40.8103, 0.2666, 0.2535

Complementary

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



40.8103, 0.4080, 0.3677



45.5221, 0.2471, 0.2857

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.



40.8103, 0.2366, 0.2571



40.8103, 0.4080, 0.3677



40.8103, 0.2356, 0.3193

Square

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



40.8103, 0.4080, 0.3677



40.8103, 0.3086, 0.4040



40.8103, 0.2257, 0.2796



40.8103, 0.3110, 0.2669

Rectangle

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



40.8103, 0.4080, 0.3677



40.8103, 0.3694, 0.4127



40.8103, 0.2257, 0.2796



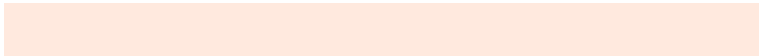
40.8103, 0.2547, 0.2527

Sweetspot

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



40.8123, 0.4080, 0.3677



84.8068, 0.3351, 0.3402



33.5375, 0.3500, 0.2553



17.6409, 0.3394, 0.3421



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.



40.8123, 0.4080, 0.3677



50.3204, 0.4370, 0.3753



59.9840, 0.3839, 0.4196



13.7640, 0.3283, 0.3369



11.9916, 0.5861, 0.3728



0.9329, 0.5544, 0.3980

Inverse Universe

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



45.5221, 0.2471, 0.2857



57.6671, 0.2345, 0.2745



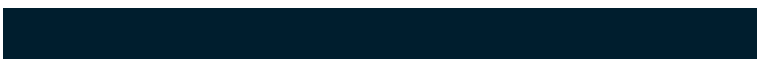
28.5344, 0.2357, 0.2178



14.0530, 0.2982, 0.3209



15.3052, 0.1932, 0.2156



1.1482, 0.1990, 0.2362

Previews

White Background



This preview shows how the Yxy color 40.8103, 0.4080, 0.3677 looks on a white background.

Color Contrast Check

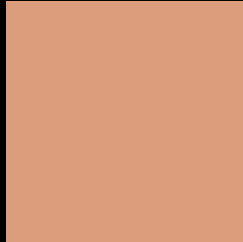
Large Text (above 18pt) WCAG AA × Fail

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 40.8103, 0.4080, 0.3677 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

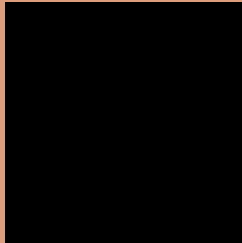
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.8103, 0.4080, 0.3677

Background



This preview shows how black text looks on a background with the Yxy color 40.8103, 0.4080, 0.3677.



This preview shows how white text looks on a background with the Yxy color 40.8103, 0.4080, 0.3677.

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

40.8103, 0.4080, 0.3677

Protanopia

40.8318, 0.3590, 0.3839

Deuteranopia

40.8435, 0.3893, 0.3803



Tritanopia

40.9481, 0.3751, 0.3161

Trichromacy



Original Color

40.8103, 0.4080, 0.3677

Protanomaly

40.5932, 0.3757, 0.3778

Deuteranomaly

40.6466, 0.3968, 0.3755

Tritanomaly

40.9691, 0.3879, 0.3352

Monochromacy



Original Color

40.8103, 0.4080, 0.3677

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.8228, 0.3443, 0.3451

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.8103, 0.4080, 0.3677 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(220, 157, 125)` looks like.

```
.text, #text, p{  
    color:rgb(220, 157, 125)  
}
```

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(220, 157, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 157, 125) }
```

Border

The CSS property to change the border of an element to Yxy 40.8103, 0.4080, 0.3677 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(220, 157, 125) }
```

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

```
.border{ border-color:rgb(220, 157, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 157, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 157, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 157, 125);  
box-shadow:4px 4px 4px 4px rgb(220, 157,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 40.8103, 0.4080, 0.3677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 157, 125) }
```

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

```
.background{ background-color: rgb(220,  
157, 125) }
```

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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