

Converting Colors

$Yxy(40.2360, 0.4008, 0.3697)$

Have a look what the booklet for
Yxy(40.2360, 0.4008, 0.3697)
contains.

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Color

Yxy(40.2305, 0.4014, 0.3699)

Conversions

Conversions Part 1

Format	Color
Hex	D69E7D
RGB	214, 158, 125
RGB Percent	84%, 62%, 49%
CMY	0.1609, 0.3803, 0.5097
CMYK	0.00, 0.26, 0.42, 0.16
HSL	22°, 52%, 66%
HSV	22°, 42%, 84%
XYZ	43.6565, 40.2305, 24.8735
YIQ	170.9820, 43.9690, 1.6090

Conversions

Conversions Part 2

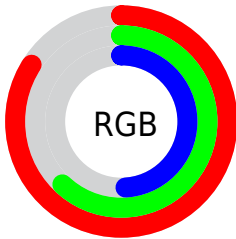
Format	Color
R _Y B	214, 177, 125
Decimal	14065277
CIE Lab	69.63, 16.67, 25.38
CIE LCh	70, 30.368, 56.704
Yxy	40.2305, 0.4014, 0.3699
Android (android.graphics.Color)	4292255357 (0xFFD69E7D)
YUV	170.9820, -22.6691, 37.7268
Hunter-Lab	63.4275, 11.8614, 21.1483

Details

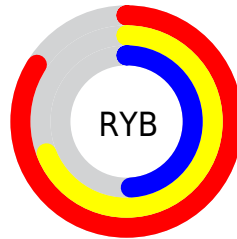
The Yxy color **40.2305, 0.4014, 0.3699** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **42.2583, 0.2488, 0.2833**, and the grayscale version is **40.8160, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.0629, 0.3703, 0.3652**, and **17.9980, 0.4278, 0.3781** is the 20% darker color. If you saturate the color by 10%, you get **35.3987, 0.4312, 0.3791**, and if you desaturate by 10%, it is **45.6871, 0.3749, 0.3598**.

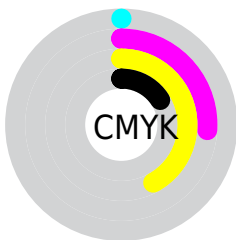
Distribution



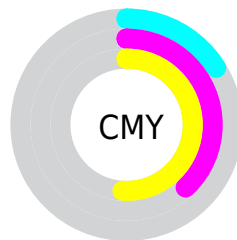
- Red (84%)
- Green (62%)
- Blue (49%)



- Red (84%)
- Yellow (69%)
- Blue (49%)



- Cyan (0%)
- Magenta (26%)
- Yellow (42%)
- Black (16%)





- Cyan (16%)
- Magenta (38%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.2305, 0.4014, 0.3699 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 40.2305, 0.4014, 0.3699 by changing the saturation by 10% instead.


 40.2305, 0.4014,
0.3699


 40.2305, 0.4014,
0.3699


347.0941, 0.3558,
0.3506


 27.7183, 0.4130,
0.3742


 75.5144, 0.3846,
0.3633

 18.1134, 0.4280,
0.3792


 99.0549, 0.3784,
0.3607

 11.0314, 0.4480,
0.3852


 127.0402, 0.3731,
0.3584

 6.0880, 0.4755,
0.3919

159.8549, 0.3686,
0.3564

 2.8987, 0.5181,
0.4002

197.8832, 0.3647,
0.3547

 1.0791, 0.5916,
0.4084

241.5096, 0.3614,

 0.0000, 1.0000,

0.3532

0.0000

291.1184, 0.3584,
0.3518

0.0000, 0.0000,
0.0000

40.2305, 0.4014,
0.3699

40.2305, 0.4014,
0.3699

35.3987, 0.4312,
0.3791

45.6871, 0.3749,
0.3598

31.1621, 0.4637,
0.3865

51.7851, 0.3519,
0.3497

27.4972, 0.4975,
0.3909

58.5475, 0.3321,
0.3398

24.3762, 0.5302,
0.3909

65.9945, 0.3151,
0.3304

21.7682, 0.5591,
0.3857

74.1454, 0.3007,
0.3217

■ 19.9366, 0.5794,
0.3781

■ 83.0185, 0.2884,
0.3137

■ 91.2894, 0.2882,
0.3261

■ 93.0329, 0.2883,
0.3289

Harmonies

Analogous

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



40.2305, 0.3933, 0.3345



40.2305, 0.4014, 0.3699



40.2305, 0.3840, 0.3983

Triad

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



40.2305, 0.4014, 0.3699



40.2305, 0.2638, 0.3590



40.2305, 0.2741, 0.2587

Complementary

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



40.2305, 0.4014, 0.3699



42.2583, 0.2488, 0.2833

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.



40.2305, 0.2438, 0.2602



40.2305, 0.4014, 0.3699



40.2305, 0.2381, 0.3149

Square

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



40.2305, 0.4014, 0.3699



40.2305, 0.3037, 0.3956



40.2305, 0.2311, 0.2793



40.2305, 0.3169, 0.2731

Rectangle

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



40.2305, 0.4014, 0.3699



40.2305, 0.3613, 0.4084



40.2305, 0.2311, 0.2793



40.2305, 0.2623, 0.2573

Sweetspot

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



40.2324, 0.4014, 0.3699



86.5098, 0.3331, 0.3403



32.3169, 0.3514, 0.2614



18.2218, 0.3355, 0.3416



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.



40.2324, 0.4014, 0.3699



53.3820, 0.4279, 0.3782



58.0703, 0.3796, 0.4193



13.1677, 0.3282, 0.3377



12.2364, 0.5767, 0.3803



0.8941, 0.5441, 0.4062

Inverse Universe

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



42.2583, 0.2488, 0.2833



56.7431, 0.2361, 0.2714



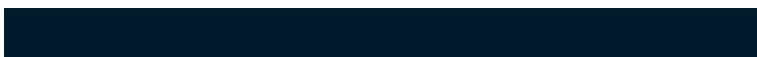
27.0738, 0.2383, 0.2186



13.2976, 0.2982, 0.3201



13.5518, 0.1899, 0.2035



0.9734, 0.1966, 0.2276

Previews

White Background



This preview shows how the Yxy color 40.2305, 0.4014, 0.3699 looks on a white background.

Color Contrast Check

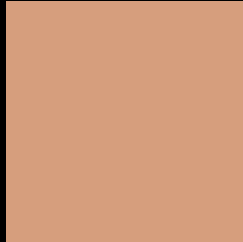
Large Text (above 18pt) WCAG AA × Fail

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 40.2305, 0.4014, 0.3699 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

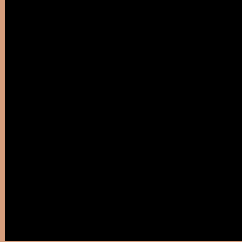
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.2305, 0.4014, 0.3699

Background



This preview shows how black text looks on a background with the Yxy color 40.2305, 0.4014, 0.3699.



This preview shows how white text looks on a background with the Yxy color 40.2305, 0.4014, 0.3699.

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

40.2305, 0.4014, 0.3699

Protanopia

40.3062, 0.3593, 0.3842

Deuteranopia

40.2062, 0.3878, 0.3794



Tritanopia

40.3682, 0.3678, 0.3158

Trichromacy



Original Color

40.2305, 0.4014, 0.3699

Protanomaly

40.3003, 0.3746, 0.3795

Deuteranomaly

40.0668, 0.3928, 0.3762

Tritanomaly

40.3964, 0.3805, 0.3353

Monochromacy



Original Color

40.2305, 0.4014, 0.3699

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.1703, 0.3435, 0.3452

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.2305, 0.4014, 0.3699 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(214, 158, 125)` looks like.

```
.text, #text, p{  
    color:rgb(214, 158, 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(214, 158, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 158, 125) }
```

Border

The CSS property to change the border of an element to Yxy 40.2305, 0.4014, 0.3699 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(214, 158, 125) }
```

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

```
.border{ border-color:rgb(214, 158, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 158, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 158, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 158, 125);  
box-shadow:4px 4px 4px 4px rgb(214, 158,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 40.2305, 0.4014, 0.3699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 158, 125) }
```

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

```
.background{ background-color: rgb(214,  
158, 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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