

Converting Colors

$Yxy(40.4763, 0.3724, 0.3427)$

Have a look what the booklet for
Yxy(40.4763, 0.3724, 0.3427)
contains.

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Color

Yxy(40.4897, 0.3731, 0.3430)

Conversions

Conversions Part 1

Format	Color
Hex	D19F94
RGB	209, 159, 148
RGB Percent	82%, 62%, 58%
CMY	0.1803, 0.3765, 0.4196
CMYK	0.00, 0.24, 0.29, 0.18
HSL	11°, 40%, 70%
HSV	11°, 29%, 82%
XYZ	44.0429, 40.4897, 33.5132
YIQ	172.6960, 33.3310, 7.1790

Conversions

Conversions Part 2

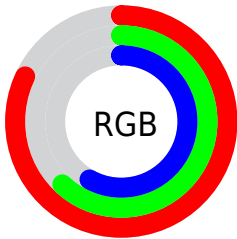
Format	Color
R _Y B	209, 161, 148
Decimal	13737876
CIE Lab	69.82, 17.01, 12.92
CIE LCh	70, 21.367, 37.221
Yxy	40.4897, 0.3731, 0.3430
Android (android.graphics.Color)	4291927956 (0xFFD19F94)
YUV	172.6960, -12.1751, 31.8386
Hunter-Lab	63.6315, 12.1945, 13.3154

Details

The Yxy color **40.4897, 0.3731, 0.3430** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **51.3045, 0.2692, 0.3145**, and the grayscale version is **41.6785, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.6174, 0.3522, 0.3414**, and **18.1508, 0.3920, 0.3462** is the 20% darker color. If you saturate the color by 10%, you get **34.3973, 0.4026, 0.3480**, and if you desaturate by 10%, it is **47.5226, 0.3485, 0.3380**.

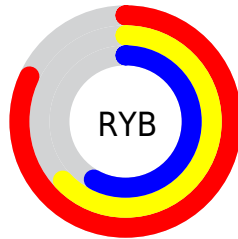
Distribution



Red (82%)

Green (62%)

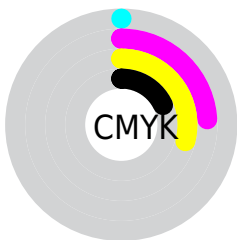
Blue (58%)



Red (82%)

Yellow (63%)

Blue (58%)

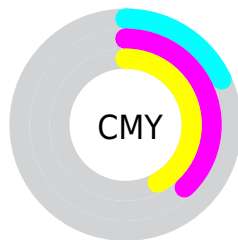


Cyan (0%)

Magenta (24%)

Yellow (29%)

Black (18%)



Cyan (18%)


Magenta (38%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.4897, 0.3731, 0.3430 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 40.4897, 0.3731, 0.3430 by changing the saturation by 10% instead.


 40.4897, 0.3731,
0.3430


 40.4897, 0.3731,
0.3430


348.1833, 0.3419,
0.3365

 27.9206, 0.3812,
0.3444


 75.9086, 0.3615,
0.3408

 18.2658, 0.3917,
0.3461


 99.5272, 0.3573,
0.3399

 11.1410, 0.4061,
0.3481


127.5977, 0.3537,
0.3392

 6.1617, 0.4266,
0.3503

160.5046, 0.3506,
0.3385

 2.9437, 0.4581,
0.3522

198.6322, 0.3480,
0.3379

 1.1024, 0.5374,
0.3690

242.3649, 0.3457,


 0.0000, 1.0000,


0.3374


0.0000


292.0871, 0.3437,
0.3370


 0.0000, 0.0000,
0.0000


 40.4897, 0.3731,
0.3430


 40.4897, 0.3731,
0.3430


 34.3973, 0.4026,
0.3480

 47.5226, 0.3485,
0.3380


 29.1998, 0.4372,
0.3525


 55.5278, 0.3282,
0.3332

 24.8564, 0.4765,
0.3560

 64.5426, 0.3115,
0.3287

 21.3208, 0.5186,
0.3574

 74.6005, 0.2977,
0.3245

 18.5421, 0.5598,
0.3561

 85.7336, 0.2862,
0.3208

■ 16.4635, 0.5951,
0.3515

■ 92.2985, 0.2855,
0.3289

■ 15.0153, 0.6205,
0.3446

■ 14.9222, 0.6223,
0.3441

Harmonies

Analogous

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



40.4897, 0.3562, 0.3171



40.4897, 0.3731, 0.3430



40.4897, 0.3727, 0.3670

Triad

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



40.4897, 0.3731, 0.3430



40.4897, 0.2962, 0.3673



40.4897, 0.2699, 0.2779

Complementary

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



40.4897, 0.3731, 0.3430



51.3045, 0.2692, 0.3145

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.



40.4897, 0.2558, 0.2880



40.4897, 0.3731, 0.3430



40.4897, 0.2703, 0.3395

Square

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



40.4897, 0.3731, 0.3430



40.4897, 0.3274, 0.3833



40.4897, 0.2559, 0.3101



40.4897, 0.2957, 0.2807

Rectangle

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



40.4897, 0.3731, 0.3430



40.4897, 0.3629, 0.3787



40.4897, 0.2559, 0.3101



40.4897, 0.2637, 0.2798

Sweetspot

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



40.4916, 0.3731, 0.3430



87.1855, 0.3281, 0.3331



38.8571, 0.3254, 0.2680



18.2445, 0.3308, 0.3338



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.



40.4916, 0.3731, 0.3430



57.3878, 0.3908, 0.3461



51.9561, 0.3629, 0.3788



12.1477, 0.3286, 0.3333



9.3021, 0.6202, 0.3458



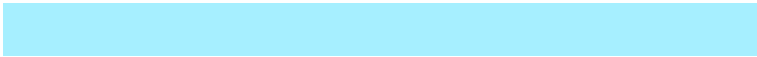
0.6268, 0.5863, 0.3726

Inverse Universe

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



51.3045, 0.2692, 0.3145



76.9898, 0.2608, 0.3109



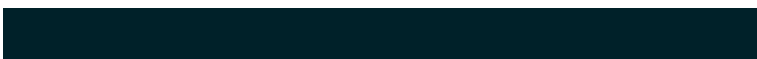
39.0339, 0.2648, 0.2735



13.0298, 0.2983, 0.3247



21.0122, 0.2086, 0.2708



1.2717, 0.2118, 0.2826

Previews

White Background



This preview shows how the Yxy color 40.4897, 0.3731, 0.3430 looks on a white background.

Color Contrast Check

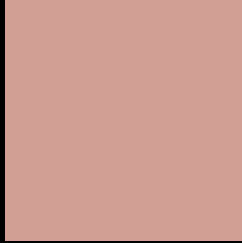
Large Text (above 18pt) WCAG AA × Fail

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 40.4897, 0.3731, 0.3430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

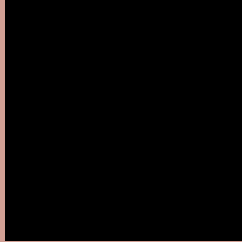
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.4897, 0.3731, 0.3430

Background



This preview shows how black text looks on a background with the Yxy color 40.4897, 0.3731, 0.3430.



This preview shows how white text looks on a background with the Yxy color 40.4897, 0.3731, 0.3430.

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

40.4897, 0.3731, 0.3430

Protanopia

40.5475, 0.3340, 0.3511

Deuteranopia

40.3933, 0.3594, 0.3515



Tritanopia

40.4530, 0.3560, 0.3143

Trichromacy



Original Color

40.4897, 0.3731, 0.3430

Protanomaly

40.3583, 0.3473, 0.3479

Deuteranomaly

40.3648, 0.3650, 0.3486

Tritanomaly

40.3888, 0.3617, 0.3242

Monochromacy



Original Color

40.4897, 0.3731, 0.3430

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.1247, 0.3330, 0.3344

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.4897, 0.3731, 0.3430 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(209, 159, 148)` looks like.

```
.text, #text, p{  
    color:rgb(209, 159, 148)  
}
```

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(209, 159, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 159, 148) }
```

Border

The CSS property to change the border of an element to Yxy 40.4897, 0.3731, 0.3430 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(209, 159, 148) }
```

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

```
.border{ border-color:rgb(209, 159, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 159, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 159, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 159, 148);  
box-shadow:4px 4px 4px 4px rgb(209, 159,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 40.4897, 0.3731, 0.3430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 159, 148) }
```

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

```
.background{ background-color: rgb(209,  
159, 148) }
```

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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