

Converting Colors

$Y_{xy}(40.5631, 0.3760, 0.3804)$

Have a look what the booklet for
Yxy(40.5631, 0.3760, 0.3804)
contains.

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Color

Yxy(40.4331, 0.3756, 0.3793)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | C3A680 |
| RGB | 195, 166, 128 |
| RGB Percent | 76%, 65%, 50% |
| CMY | 0.2353, 0.3490, 0.4979 |
| CMYK | 0.00, 0.15, 0.34, 0.24 |
| HSL | 34°, 36%, 63% |
| HSV | 34°, 34%, 76% |
| XYZ | 40.0387, 40.4331, 26.1275 |
| YIQ | 170.3390, 29.4820, -5.6700 |

Conversions

Conversions Part 2

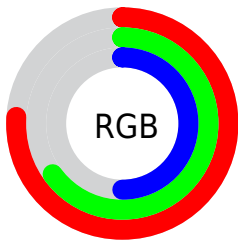
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 179, 195, 128 |
| Decimal | 12822144 |
| CIELab | 69.78, 5.09, 23.61 |
| CIELCh | 70, 24.151, 77.840 |
| Yxy | 40.4331, 0.3756, 0.3793 |
| Android (android.graphics.Color) | 4291012224 (0xFFC3A680) |
| YUV | 170.3390, -20.8731, 21.6277 |
| Hunter-Lab | 63.5870, 1.1183, 20.1491 |

Details

The Yxy color **40.4331, 0.3756, 0.3793** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **32.6533, 0.2573, 0.2726**, and the grayscale version is **40.4735, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.7445, 0.3635, 0.3704**, and **18.1601, 0.3948, 0.3937** is the 20% darker color. If you saturate the color by 10%, you get **37.0004, 0.3982, 0.3940**, and if you desaturate by 10%, it is **44.1697, 0.3548, 0.3642**.

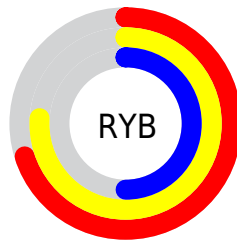
Distribution



Red (76%)

Green (65%)

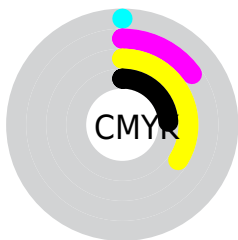
Blue (50%)



Red (70%)

Yellow (76%)

Blue (50%)

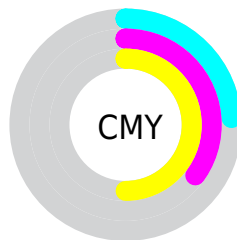


Cyan (0%)

Magenta (15%)

Yellow (34%)

Black (24%)



Cyan (24%)


Magenta (35%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.4331, 0.3756, 0.3793 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 40.4331, 0.3756, 0.3793 by changing the saturation by 10% instead.


 40.4331, 0.3756,
0.3793


 40.4331, 0.3756,
0.3793


347.9457, 0.3435,
0.3542


 27.8764, 0.3837,
0.3854


 75.8226, 0.3638,
0.3702

 18.2325, 0.3942,
0.3932


 99.4241, 0.3594,
0.3668

 11.1170, 0.4081,
0.4033


 127.4761, 0.3557,
0.3639

 6.1456, 0.4273,
0.4165

160.3628, 0.3525,
0.3614

 2.9338, 0.4560,
0.4352

198.4688, 0.3498,
0.3592

 1.0973, 0.5209,
0.4791

242.1783, 0.3474,

 0.0000, 1.0000,

0.3573

0.0000

291.8758, 0.3453,
0.3557

0.0000, 0.0000,
0.0000

40.4331, 0.3756,
0.3793

40.4331, 0.3756,
0.3793

37.0004, 0.3982,
0.3940

44.1697, 0.3548,
0.3642

33.8565, 0.4222,
0.4075

48.2136, 0.3361,
0.3493

30.9931, 0.4468,
0.4187


52.5750, 0.3194,
0.3350

28.3990, 0.4708,
0.4263

57.2622, 0.3046,
0.3215

26.0620, 0.4930,
0.4293

62.2827, 0.2915,
0.3089


 23.9680, 0.5119,
0.4270

 67.6441, 0.2801,
0.2974

 22.8778, 0.5216,
0.4240

 72.7245, 0.2752,
0.2965

 77.4050, 0.2759,
0.3058

 82.3143, 0.2767,
0.3150

Harmonies

Analogous

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



40.4331, 0.3833, 0.3546



40.4331, 0.3756, 0.3793



40.4331, 0.3507, 0.3921

Triad

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



40.4331, 0.3756, 0.3793



40.4331, 0.2575, 0.3285



40.4331, 0.3057, 0.2791

Complementary

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



40.4331, 0.3756, 0.3793



32.6533, 0.2573, 0.2726

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.



40.4331, 0.2735, 0.2711



40.4331, 0.3756, 0.3793



40.4331, 0.2469, 0.2972

Square

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



40.4331, 0.3756, 0.3793



40.4331, 0.2825, 0.3623



40.4331, 0.2526, 0.2770



40.4331, 0.3417, 0.2986

Rectangle

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



40.4331, 0.3756, 0.3793



40.4331, 0.3284, 0.3906



40.4331, 0.2526, 0.2770



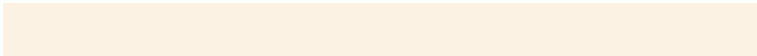
40.4331, 0.2941, 0.2750

Sweetspot

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



40.4350, 0.3756, 0.3793



89.5563, 0.3288, 0.3432



29.4846, 0.3578, 0.2905



19.3695, 0.3313, 0.3453



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.



40.4350, 0.3756, 0.3793



67.8842, 0.3919, 0.3901



51.6022, 0.3599, 0.4148



11.0045, 0.3275, 0.3421



15.0401, 0.5198, 0.4254



0.7848, 0.4916, 0.4478

Inverse Universe

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



32.6533, 0.2573, 0.2726



51.9160, 0.2450, 0.2582



24.3329, 0.2554, 0.2287



10.4492, 0.2984, 0.3156



6.8851, 0.1717, 0.1380



0.4343, 0.1840, 0.1822

Previews

White Background



This preview shows how the Yxy color 40.4331, 0.3756, 0.3793 looks on a white background.

Color Contrast Check

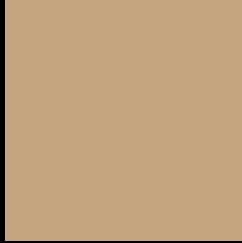
Large Text (above 18pt) WCAG AA × Fail

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 40.4331, 0.3756, 0.3793 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

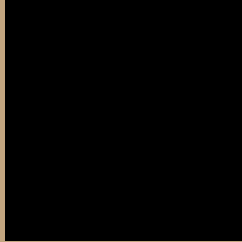
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.4331, 0.3756, 0.3793

Background



This preview shows how black text looks on a background with the Yxy color 40.4331, 0.3756, 0.3793.



This preview shows how white text looks on a background with the Yxy color 40.4331, 0.3756, 0.3793.

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

40.4331, 0.3756, 0.3793

Protanopia

40.3062, 0.3593, 0.3842

Deuteranopia

40.5534, 0.3816, 0.3745



Tritanopia

40.3995, 0.3405, 0.3138

Trichromacy



Original Color

40.4331, 0.3756, 0.3793

Protanomaly

40.5257, 0.3655, 0.3833

Deuteranomaly

40.6374, 0.3791, 0.3761

Tritanomaly

40.2467, 0.3534, 0.3369

Monochromacy



Original Color

40.4331, 0.3756, 0.3793

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

40.3262, 0.3342, 0.3483

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.4331, 0.3756, 0.3793 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(195, 166, 128)` looks like.

```
.text, #text, p{  
    color:rgb(195, 166, 128)  
}
```

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(195, 166, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 166, 128) }
```

Border

The CSS property to change the border of an element to Yxy 40.4331, 0.3756, 0.3793 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(195, 166, 128) }
```

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

```
.border{ border-color:rgb(195, 166, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 166, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 166, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 166, 128);  
box-shadow:4px 4px 4px 4px rgb(195, 166,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 40.4331, 0.3756, 0.3793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 166, 128) }
```

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

```
.background{ background-color: rgb(195,  
166, 128) }
```

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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