

Converting Colors

$Y_{xy}(40.7494, 0.3725, 0.3705)$

Have a look what the booklet for
Yxy(40.7494, 0.3725, 0.3705)
contains.

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Color

Yxy(40.8640, 0.3720, 0.3711)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | C5A686 |
| RGB | 197, 166, 134 |
| RGB Percent | 77%, 65%, 53% |
| CMY | 0.2275, 0.3490, 0.4744 |
| CMYK | 0.00, 0.16, 0.32, 0.23 |
| HSL | 30°, 35%, 65% |
| HSV | 30°, 32%, 77% |
| XYZ | 40.9631, 40.8640, 28.2888 |
| YIQ | 171.6210, 28.7480, -3.3800 |

Conversions

Conversions Part 2

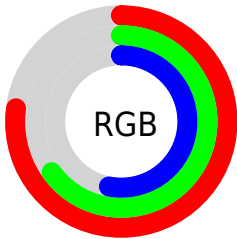
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 195, 197, 134 |
| Decimal | 12953222 |
| CIE Lab | 70.08, 6.64, 20.80 |
| CIE LCh | 70, 21.831, 72.289 |
| Yxy | 40.8640, 0.3720, 0.3711 |
| Android (android.graphics.Color) | 4291143302 (0xFFC5A686) |
| YUV | 171.6210, -18.5472, 22.2574 |
| Hunter-Lab | 63.9250, 2.5141, 18.5098 |

Details

The Yxy color **40.8640, 0.3720, 0.3711** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **36.0078, 0.2619, 0.2827**, and the grayscale version is **41.1388, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.3716, 0.3608, 0.3640**, and **18.4255, 0.3899, 0.3826** is the 20% darker color. If you saturate the color by 10%, you get **36.9747, 0.3955, 0.3846**, and if you desaturate by 10%, it is **45.1249, 0.3509, 0.3574**.

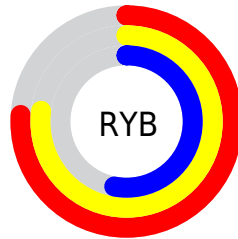
Distribution



Red (77%)

Green (65%)

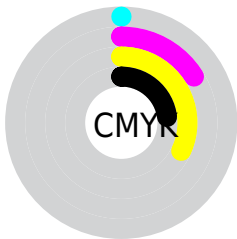
Blue (53%)



Red (76%)

Yellow (77%)

Blue (53%)

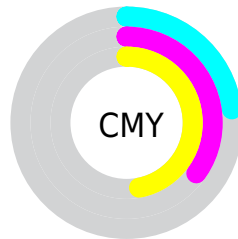


Cyan (0%)

Magenta (16%)

Yellow (32%)

Black (23%)



Cyan (23%)


Magenta (35%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.8640, 0.3720, 0.3711 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 40.8640, 0.3720, 0.3711 by changing the saturation by 10% instead.


 40.8640, 0.3720,
0.3711

 40.8640, 0.3720,
0.3711


349.7519, 0.3416,
0.3502


 28.2128, 0.3797,
0.3762


 76.4774, 0.3608,
0.3636

 18.4862, 0.3897,
0.3827


 100.2084, 0.3567,
0.3607

 11.2996, 0.4031,
0.3910


 128.4015, 0.3532,
0.3583

 6.2687, 0.4218,
0.4021

161.4411, 0.3502,
0.3562

 3.0092, 0.4492,
0.4169

199.7115, 0.3476,
0.3544

 1.1365, 0.5303,
0.4697

243.5972, 0.3454,

 0.0089, 0.9503,

0.3528

0.0497

293.4825, 0.3434,
0.3514

0.0000, 0.0000,
0.0000

40.8640, 0.3720,
0.3711

40.8640, 0.3720,
0.3711

36.9747, 0.3955,
0.3846

45.1249, 0.3509,
0.3574

33.4399, 0.4209,
0.3971

49.7627, 0.3322,
0.3441

30.2492, 0.4478,
0.4076


54.7896, 0.3157,
0.3314


27.3894, 0.4748,
0.4150

60.2155, 0.3013,
0.3195


24.8460, 0.5005,
0.4178

66.0498, 0.2888,
0.3085

 22.6026, 0.5231,
0.4154

 72.3018, 0.2778,
0.2984

 20.9986, 0.5390,
0.4103

 77.8430, 0.2771,
0.3062

 83.5074, 0.2779,
0.3167

 89.4781, 0.2787,
0.3270

Harmonies

Analogous

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



40.8640, 0.3755, 0.3476



40.8640, 0.3720, 0.3711



40.8640, 0.3522, 0.3848

Triad

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



40.8640, 0.3720, 0.3711



40.8640, 0.2661, 0.3344



40.8640, 0.3006, 0.2815

Complementary

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



40.8640, 0.3720, 0.3711



36.0078, 0.2619, 0.2827

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.



40.8640, 0.2729, 0.2766



40.8640, 0.3720, 0.3711



40.8640, 0.2538, 0.3052

Square

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



40.8640, 0.3720, 0.3711



40.8640, 0.2909, 0.3638



40.8640, 0.2562, 0.2846



40.8640, 0.3331, 0.2975

Rectangle

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



40.8640, 0.3720, 0.3711



40.8640, 0.3328, 0.3854



40.8640, 0.2562, 0.2846



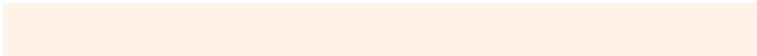
40.8640, 0.2905, 0.2785

Sweetspot

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



40.8659, 0.3720, 0.3711



90.7212, 0.3290, 0.3417



31.6582, 0.3491, 0.2879



19.1514, 0.3315, 0.3436



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.



40.8659, 0.3720, 0.3711



68.5191, 0.3873, 0.3801



53.5153, 0.3604, 0.4079



11.5128, 0.3277, 0.3408



13.9817, 0.5370, 0.4118



0.8068, 0.5061, 0.4364

Inverse Universe

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



36.0078, 0.2619, 0.2827



58.5299, 0.2511, 0.2713



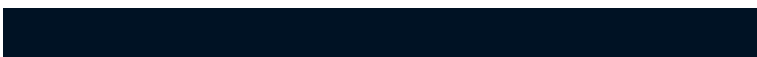
26.1554, 0.2563, 0.2357



11.1346, 0.2983, 0.3170



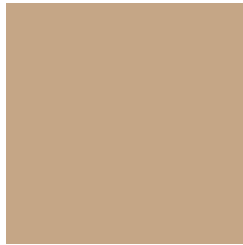
8.4302, 0.1769, 0.1566



0.5441, 0.1875, 0.1950

Previews

White Background



This preview shows how the Yxy color 40.8640, 0.3720, 0.3711 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 40.8640, 0.3720, 0.3711 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

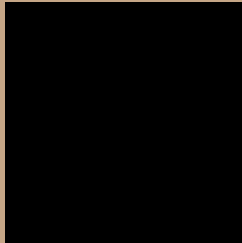
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.8640, 0.3720, 0.3711

Background



This preview shows how black text looks on a background with the Yxy color 40.8640, 0.3720, 0.3711.



This preview shows how white text looks on a background with the Yxy color 40.8640, 0.3720, 0.3711.

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

40.8640, 0.3720, 0.3711

Protanopia

40.8485, 0.3536, 0.3772

Deuteranopia

41.0490, 0.3764, 0.3693



Tritanopia

40.9244, 0.3403, 0.3138

Trichromacy



Original Color

40.8640, 0.3720, 0.3711

Protanomaly

40.6900, 0.3601, 0.3752

Deuteranomaly

40.9109, 0.3754, 0.3694

Tritanomaly

40.9769, 0.3522, 0.3343

Monochromacy



Original Color

40.8640, 0.3720, 0.3711

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.0418, 0.3333, 0.3454

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.8640, 0.3720, 0.3711 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(197, 166, 134)` looks like.

```
.text, #text, p{  
    color:rgb(197, 166, 134)  
}
```

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(197, 166, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 166, 134) }
```

Border

The CSS property to change the border of an element to Yxy 40.8640, 0.3720, 0.3711 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(197, 166, 134) }
```

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

```
.border{ border-color:rgb(197, 166, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 166, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 166, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 166, 134);  
box-shadow:4px 4px 4px 4px rgb(197, 166,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 40.8640, 0.3720, 0.3711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 166, 134) }
```

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

```
.background{ background-color: rgb(197,  
166, 134) }
```

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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