

Converting Colors

$Y_{xy}(40.7494, 0.3710, 0.3577)$

Have a look what the booklet for
Yxy(40.7494, 0.3710, 0.3577)
contains.

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Color

Yxy(40.6740, 0.3715, 0.3575)

Conversions

Conversions Part 1

Format	Color
Hex	CAA38D
RGB	202, 163, 141
RGB Percent	79%, 64%, 55%
CMY	0.2078, 0.3608, 0.4470
CMYK	0.00, 0.19, 0.30, 0.21
HSL	22°, 37%, 67%
HSV	22°, 30%, 79%
XYZ	42.2668, 40.6740, 30.8326
YIQ	172.1530, 30.3060, 1.4260

Conversions

Conversions Part 2

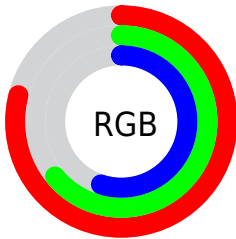
Format	Color
R_{YB}	202, 175, 141
Decimal	13280141
CIE Lab	69.95, 11.18, 16.85
CIE LCh	70, 20.222, 56.430
Yxy	40.6740, 0.3715, 0.3575
Android (android.graphics.Color)	4291470221 (0xFFCAA38D)
YUV	172.1530, -15.3584, 26.1758
Hunter-Lab	63.7762, 6.6903, 15.9796

Details

The Yxy color **40.6740, 0.3715, 0.3575** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.5918, 0.2662, 0.2985**, and the grayscale version is **41.4066, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.3429, 0.3565, 0.3526**, and **18.3273, 0.3895, 0.3641** is the 20% darker color. If you saturate the color by 10%, you get **35.7707, 0.3976, 0.3673**, and if you desaturate by 10%, it is **46.1599, 0.3489, 0.3477**.

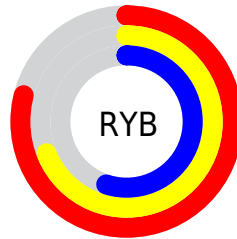
Distribution



Red (79%)

Green (64%)

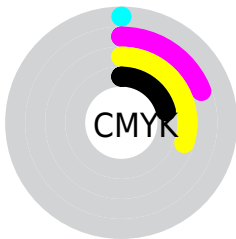
Blue (55%)



Red (79%)

Yellow (69%)

Blue (55%)

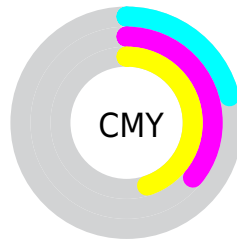


Cyan (0%)

Magenta (19%)

Yellow (30%)

Black (21%)



Cyan (21%)


Magenta (36%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.6740, 0.3715, 0.3575 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 40.6740, 0.3715, 0.3575 by changing the saturation by 10% instead.


 40.6740, 0.3715,
0.3575


 40.6740, 0.3715,
0.3575


348.9563, 0.3412,
0.3436

 28.0644, 0.3793,
0.3608


 76.1888, 0.3603,
0.3526

 18.3742, 0.3894,
0.3650

 99.8628, 0.3562,
0.3507

 11.2190, 0.4031,
0.3702


 127.9937, 0.3527,
0.3490

 6.2143, 0.4226,
0.3771

160.9660, 0.3497,
0.3477

 2.9758, 0.4520,
0.3858

199.1640, 0.3472,
0.3464

 1.1191, 0.5539,
0.4379

242.9721, 0.3449,

 0.0000, 1.0000,

0.3454

0.0000

292.7747, 0.3430,
0.3444

■ 0.0000, 0.0000,
0.0000

■ 40.6740, 0.3715,
0.3575

■ 40.6740, 0.3715,
0.3575

■ 35.7707, 0.3976,
0.3673

■ 46.1599, 0.3489,
0.3477

■ 31.4242, 0.4271,
0.3764

■ 52.2417, 0.3295,
0.3381

■ 27.6154, 0.4596,
0.3839


■ 58.9392, 0.3130,
0.3292


■ 24.3214, 0.4937,
0.3886

■ 66.2697, 0.2990,
0.3209


■ 21.5175, 0.5272,
0.3892

■ 74.2498, 0.2870,
0.3132

 19.1765, 0.5572,
0.3848

 82.4203, 0.2806,
0.3136

 17.2937, 0.5817,
0.3763

 90.3262, 0.2815,
0.3273

 91.2989, 0.2816,
0.3289

Harmonies

Analogous

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



40.6740, 0.3657, 0.3334



40.6740, 0.3715, 0.3575



40.6740, 0.3607, 0.3757

Triad

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



40.6740, 0.3715, 0.3575



40.6740, 0.2805, 0.3491



40.6740, 0.2869, 0.2809

Complementary

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



40.6740, 0.3715, 0.3575



42.5918, 0.2662, 0.2985

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.



40.6740, 0.2659, 0.2827



40.6740, 0.3715, 0.3575



40.6740, 0.2623, 0.3208

Square

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



40.6740, 0.3715, 0.3575



40.6740, 0.3076, 0.3722



40.6740, 0.2572, 0.2966



40.6740, 0.3157, 0.2907

Rectangle

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



40.6740, 0.3715, 0.3575



40.6740, 0.3460, 0.3814



40.6740, 0.2572, 0.2966



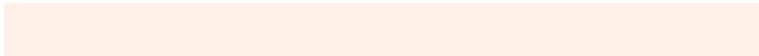
40.6740, 0.2788, 0.2801

Sweetspot

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



40.6759, 0.3715, 0.3575



89.5960, 0.3276, 0.3371



34.9393, 0.3371, 0.2791



18.8348, 0.3302, 0.3385



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.



40.6759, 0.3715, 0.3575



63.5123, 0.3875, 0.3637



52.5644, 0.3609, 0.3935



11.8641, 0.3281, 0.3374



11.2809, 0.5792, 0.3783



0.7250, 0.5418, 0.4080

Inverse Universe

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



42.5918, 0.2662, 0.2985



67.2343, 0.2567, 0.2911



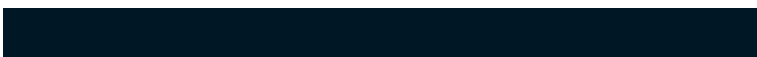
31.7990, 0.2613, 0.2550



12.0208, 0.2983, 0.3205



13.0612, 0.1910, 0.2076



0.8145, 0.1983, 0.2340

Previews

White Background



This preview shows how the Yxy color 40.6740, 0.3715, 0.3575 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 40.6740, 0.3715, 0.3575 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

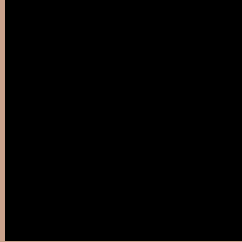
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.6740, 0.3715, 0.3575

Background



This preview shows how black text looks on a background with the Yxy color 40.6740, 0.3715, 0.3575.



This preview shows how white text looks on a background with the Yxy color 40.6740, 0.3715, 0.3575.

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

40.6740, 0.3715, 0.3575

Protanopia

40.8735, 0.3437, 0.3649

Deuteranopia

40.8391, 0.3668, 0.3605



Tritanopia

40.7157, 0.3465, 0.3140

Trichromacy



Original Color

40.6740, 0.3715, 0.3575

Protanomaly

40.7102, 0.3531, 0.3614

Deuteranomaly

40.6161, 0.3681, 0.3591

Tritanomaly

40.5170, 0.3559, 0.3291

Monochromacy



Original Color

40.6740, 0.3715, 0.3575

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.0164, 0.3327, 0.3399

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.6740, 0.3715, 0.3575 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(202, 163, 141)` looks like.

```
.text, #text, p{  
    color:rgb(202, 163, 141)  
}
```

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(202, 163, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 163, 141) }
```

Border

The CSS property to change the border of an element to Yxy 40.6740, 0.3715, 0.3575 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(202, 163, 141) }
```

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

```
.border{ border-color:rgb(202, 163, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 163, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 163, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 163, 141);  
box-shadow:4px 4px 4px 4px rgb(202, 163,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 40.6740, 0.3715, 0.3575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 163, 141) }
```

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

```
.background{ background-color: rgb(202,  
163, 141) }
```

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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