

Converting Colors

$Y_{xy}(42.7963, 0.3759, 0.3632)$

Have a look what the booklet for
Yxy(42.7963, 0.3759, 0.3632)
contains.

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Color

Yxy(42.7963, 0.3759, 0.3632)

Conversions

Conversions Part 1

Format	Color
Hex	CFA78C
RGB	207, 167, 140
RGB Percent	81%, 65%, 55%
CMY	0.1881, 0.3451, 0.4509
CMYK	0.00, 0.19, 0.32, 0.19
HSL	24°, 41%, 68%
HSV	24°, 32%, 81%
XYZ	44.2928, 42.7963, 30.7422
YIQ	175.8820, 32.5070, 0.0830

Conversions

Conversions Part 2

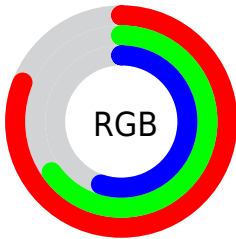
Format	Color
R_{YB}	207, 185, 140
Decimal	13608844
CIE _{Lab}	71.42, 10.85, 19.51
CIE _{LCh}	71, 22.326, 60.922
Yxy	42.7963, 0.3759, 0.3632
Android (android.graphics.Color)	4291798924 (0xFFCFA78C)
YUV	175.8820, -17.6898, 27.2905
Hunter-Lab	65.4189, 6.3728, 17.9312

Details

The Yxy color **42.7963, 0.3759, 0.3632** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.7507, 0.2623, 0.2919**, and the grayscale version is **43.4355, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.3976, 0.3563, 0.3576**, and **19.5790, 0.3937, 0.3717** is the 20% darker color. If you saturate the color by 10%, you get **37.9262, 0.4019, 0.3740**, and if you desaturate by 10%, it is **48.2189, 0.3531, 0.3522**.

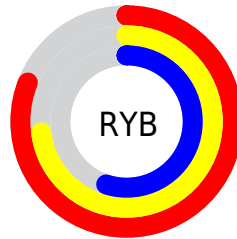
Distribution



Red (81%)

Green (65%)

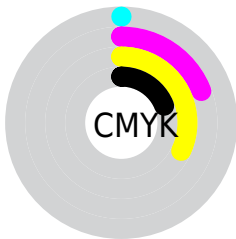
Blue (55%)



Red (81%)

Yellow (73%)

Blue (55%)

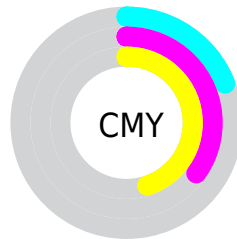


Cyan (0%)

Magenta (19%)

Yellow (32%)

Black (19%)



Cyan (19%)

Magenta (35%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.7963, 0.3759, 0.3632 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 42.7963, 0.3759, 0.3632 by changing the saturation by 10% instead.


 42.7963, 0.3759,
0.3632


 42.7963, 0.3759,
0.3632


357.7734, 0.3437,
0.3466


 29.7253, 0.3841,
0.3671


 79.4034, 0.3641,
0.3573

 19.6302, 0.3947,
0.3720


 103.7083, 0.3597,
0.3551

 12.1265, 0.4088,
0.3781


 132.5266, 0.3560,
0.3532

 6.8299, 0.4285,
0.3860

166.2427, 0.3528,
0.3515

 3.3559, 0.4576,
0.3960

205.2411, 0.3500,
0.3500

 1.3203, 0.5507,
0.4452

249.9060, 0.3476,


 0.1568, 0.7252,


0.3488


0.2748


300.6220, 0.3455,
0.3476


 0.0000, 0.0000,
0.0000


 42.7963, 0.3759,
0.3632


 42.7963, 0.3759,
0.3632


 37.9262, 0.4019,
0.3740


 48.2189, 0.3531,
0.3522


 33.5841, 0.4308,
0.3839


 54.2056, 0.3334,
0.3415

 29.7521, 0.4621,
0.3919


 60.7751, 0.3164,
0.3313


 26.4091, 0.4943,
0.3967


 67.9435, 0.3018,
0.3218


 23.5320, 0.5252,
0.3970


 75.7260, 0.2893,
0.3131

 21.0951, 0.5525,
0.3920

 83.5281, 0.2836,
0.3145

 19.5076, 0.5702,
0.3854

 91.1111, 0.2843,
0.3275

 92.0106, 0.2844,
0.3289

Harmonies

Analogous

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



42.7963, 0.3724, 0.3377



42.7963, 0.3759, 0.3632



42.7963, 0.3616, 0.3815

Triad

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



42.7963, 0.3759, 0.3632



42.7963, 0.2740, 0.3463



42.7963, 0.2890, 0.2779

Complementary

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



42.7963, 0.3759, 0.3632



42.7507, 0.2623, 0.2919

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.



42.7963, 0.2647, 0.2777



42.7963, 0.3759, 0.3632



42.7963, 0.2564, 0.3155

Square

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



42.7963, 0.3759, 0.3632



42.7963, 0.3023, 0.3731



42.7963, 0.2531, 0.2907



42.7963, 0.3208, 0.2901

Rectangle

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



42.7963, 0.3759, 0.3632



42.7963, 0.3444, 0.3864



42.7963, 0.2531, 0.2907



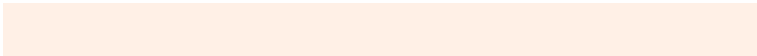
42.7963, 0.2797, 0.2764

Sweetspot

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



42.7983, 0.3759, 0.3632



89.1261, 0.3293, 0.3391



35.3357, 0.3428, 0.2792



18.7662, 0.3318, 0.3406



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.



42.7983, 0.3759, 0.3632



62.9345, 0.3940, 0.3709



56.6280, 0.3635, 0.4019



12.5781, 0.3281, 0.3384



12.4605, 0.5678, 0.3874



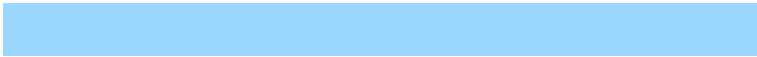
0.8505, 0.5344, 0.4139

Inverse Universe

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



42.7507, 0.2623, 0.2919



62.8301, 0.2514, 0.2823



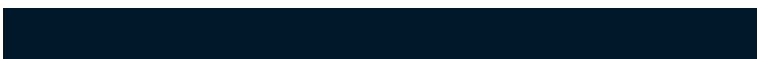
30.8630, 0.2564, 0.2437



12.5755, 0.2983, 0.3194



12.0608, 0.1868, 0.1924



0.8277, 0.1945, 0.2201

Previews

White Background



This preview shows how the Yxy color 42.7963, 0.3759, 0.3632 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 42.7963, 0.3759, 0.3632 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

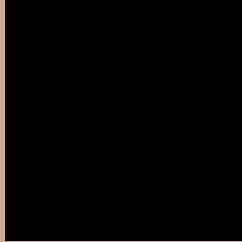
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.7963, 0.3759, 0.3632

Background



This preview shows how black text looks on a background with the Yxy color 42.7963, 0.3759, 0.3632.



This preview shows how white text looks on a background with the Yxy color 42.7963, 0.3759, 0.3632.

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

42.7963, 0.3759, 0.3632

Protanopia

42.9878, 0.3483, 0.3709

Deuteranopia

42.7361, 0.3725, 0.3648



Tritanopia

42.7847, 0.3478, 0.3132

Trichromacy



Original Color

42.7963, 0.3759, 0.3632

Protanomaly

42.8257, 0.3577, 0.3673

Deuteranomaly

42.8778, 0.3735, 0.3647

Tritanomaly

42.8612, 0.3588, 0.3316

Monochromacy



Original Color

42.7963, 0.3759, 0.3632

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.0963, 0.3340, 0.3423

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.7963, 0.3759, 0.3632 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(207, 167, 140)` looks like.

```
.text, #text, p{  
    color:rgb(207, 167, 140)  
}
```

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(207, 167, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 167, 140) }
```

Border

The CSS property to change the border of an element to Yxy 42.7963, 0.3759, 0.3632 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(207, 167, 140) }
```

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

```
.border{ border-color:rgb(207, 167, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 167, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 167, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 167, 140);  
box-shadow:4px 4px 4px 4px rgb(207, 167,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 42.7963, 0.3759, 0.3632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 167, 140) }
```

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

```
.background{ background-color: rgb(207,  
167, 140) }
```

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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