

Converting Colors

$Y_{xy}(40.0927, 0.3755, 0.3713)$

Have a look what the booklet for
Yxy(40.0927, 0.3755, 0.3713)
contains.

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Color

Yxy(40.0872, 0.3747, 0.3712)

Conversions

Conversions Part 1

Format	Color
Hex	C5A484
RGB	197, 164, 132
RGB Percent	77%, 64%, 52%
CMY	0.2275, 0.3568, 0.4823
CMYK	0.00, 0.17, 0.33, 0.23
HSL	30°, 36%, 65%
HSV	30°, 33%, 77%
XYZ	40.4652, 40.0872, 27.4412
YIQ	170.2190, 29.9400, -2.9560

Conversions

Conversions Part 2

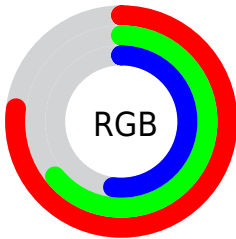
Format	Color
RYB	197, 195, 132
Decimal	12952708
CIELab	69.53, 7.47, 21.14
CIElCh	70, 22.418, 70.535
Yxy	40.0872, 0.3747, 0.3712
Android (android.graphics.Color)	4291142788 (0xFFC5A484)
YUV	170.2190, -18.8420, 23.4869
Hunter-Lab	63.3145, 3.2816, 18.6232

Details

The Yxy color $40.0872, 0.3747, 0.3712$ is a light color, and the websafe version is hex $CC9966$. A complement of this color would be $35.8485, 0.2605, 0.2825$, and the grayscale version is $40.3991, 0.3127, 0.3290$.

A 20% lighter version of the original color is $75.4258, 0.3635, 0.3640$, and $17.9483, 0.3939, 0.3827$ is the 20% darker color. If you saturate the color by 10%, you get $36.1596, 0.3987, 0.3842$, and if you desaturate by 10%, it is $44.4018, 0.3531, 0.3579$.

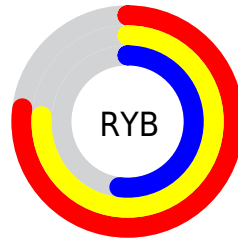
Distribution



Red (77%)

Green (64%)

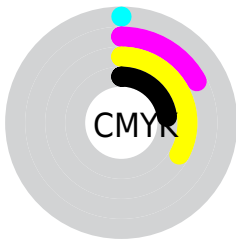
Blue (52%)



Red (77%)

Yellow (76%)

Blue (52%)

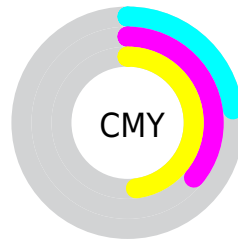


Cyan (0%)

Magenta (17%)

Yellow (33%)

Black (23%)



Cyan (23%)


Magenta (36%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.0872, 0.3747, 0.3712 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 40.0872, 0.3747, 0.3712 by changing the saturation by 10% instead.


 40.0872, 0.3747,
0.3712


 40.0872, 0.3747,
0.3712


346.4910, 0.3429,
0.3502

 27.6065, 0.3829,
0.3763


 75.2963, 0.3630,
0.3637

 18.0293, 0.3934,
0.3827


 98.7935, 0.3586,
0.3608

 10.9710, 0.4075,
0.3910


 126.7317, 0.3549,
0.3584

 6.0473, 0.4273,
0.4019

159.4952, 0.3518,
0.3563

 2.8739, 0.4566,
0.4164

197.4685, 0.3491,
0.3545

 1.0663, 0.5365,
0.4635

241.0360, 0.3468,

 0.0000, 1.0000,

0.3529

0.0000

290.5820, 0.3447,
0.3515

0.0000, 0.0000,
0.0000

40.0872, 0.3747,
0.3712

40.0872, 0.3747,
0.3712

36.1596, 0.3987,
0.3842

44.4018, 0.3531,
0.3579

32.6013, 0.4249,
0.3962

49.1093, 0.3340,
0.3449

29.4012, 0.4524,
0.4062

54.2227, 0.3173,
0.3325

26.5452, 0.4801,
0.4127

59.7523, 0.3027,
0.3209

24.0180, 0.5064,
0.4148

65.7082, 0.2900,
0.3102

■ 21.8022, 0.5294,
0.4114

■ 72.1000, 0.2790,
0.3003

■ 20.4162, 0.5436,
0.4066

■ 77.9391, 0.2771,
0.3064

■ 83.7952, 0.2780,
0.3172

■ 89.9777, 0.2788,
0.3279

Harmonies

Analogous

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



40.0872, 0.3772, 0.3466



40.0872, 0.3747, 0.3712



40.0872, 0.3550, 0.3862

Triad

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



40.0872, 0.3747, 0.3712



40.0872, 0.2658, 0.3365



40.0872, 0.2983, 0.2794

Complementary

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



40.0872, 0.3747, 0.3712



35.8485, 0.2605, 0.2825

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.



40.0872, 0.2702, 0.2750



40.0872, 0.3747, 0.3712



40.0872, 0.2523, 0.3059

Square

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



40.0872, 0.3747, 0.3712



40.0872, 0.2919, 0.3666



40.0872, 0.2538, 0.2840



40.0872, 0.3318, 0.2953

Rectangle

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



40.0872, 0.3747, 0.3712



40.0872, 0.3353, 0.3876



40.0872, 0.2538, 0.2840



40.0872, 0.2879, 0.2765

Sweetspot

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



40.0891, 0.3747, 0.3712



90.4822, 0.3291, 0.3414



31.1148, 0.3494, 0.2852



19.0936, 0.3315, 0.3432



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.



40.0891, 0.3747, 0.3712



66.3759, 0.3928, 0.3812



52.9730, 0.3623, 0.4092



11.4848, 0.3277, 0.3404



13.5967, 0.5416, 0.4082



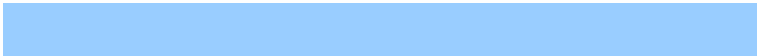
0.7887, 0.5095, 0.4337

Inverse Universe

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



35.8485, 0.2605, 0.2825



57.5496, 0.2482, 0.2696



25.7409, 0.2544, 0.2339



11.1626, 0.2983, 0.3173



8.8147, 0.1783, 0.1619



0.5622, 0.1887, 0.1994

Previews

White Background



This preview shows how the Yxy color 40.0872, 0.3747, 0.3712 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 40.0872, 0.3747, 0.3712 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

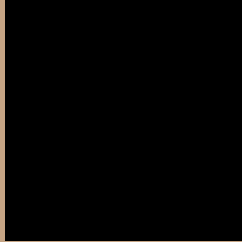
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.0872, 0.3747, 0.3712

Background



This preview shows how black text looks on a background with the Yxy color 40.0872, 0.3747, 0.3712.



This preview shows how white text looks on a background with the Yxy color 40.0872, 0.3747, 0.3712.

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

40.0872, 0.3747, 0.3712

Protanopia

40.3225, 0.3538, 0.3774

Deuteranopia

40.0024, 0.3772, 0.3696



Tritanopia

40.1541, 0.3426, 0.3138

Trichromacy



Original Color

40.0872, 0.3747, 0.3712

Protanomaly

40.2913, 0.3613, 0.3752

Deuteranomaly

39.8661, 0.3762, 0.3698

Tritanomaly

40.2034, 0.3546, 0.3343

Monochromacy



Original Color

40.0872, 0.3747, 0.3712

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

40.1089, 0.3345, 0.3455

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.0872, 0.3747, 0.3712 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, 164, 132)` looks like.

```
.text, #text, p{  
    color:rgb(197, 164, 132)  
}
```

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, 164, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 164, 132) }
```

Border

The CSS property to change the border of an element to Yxy 40.0872, 0.3747, 0.3712 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, 164, 132) }
```

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

```
.border{ border-color:rgb(197, 164, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 164, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 164, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 164, 132);  
box-shadow:4px 4px 4px 4px rgb(197, 164,  
132) }
```


Background

The CSS property to change the background color of an element to Yxy 40.0872, 0.3747, 0.3712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 164, 132) }
```

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

```
.background{ background-color: rgb(197,  
164, 132) }
```

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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