

Converting Colors

Yxy(51.7377, 0.3712, 0.4032)

Have a look what the booklet for
Yxy(51.7377, 0.3712, 0.4032)
contains.

Yxy(51.7377, 0.3712, 0.4032)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(51.7377, 0.3712, 0.4032)

Conversions

Conversions Part 1

Format	Color
Hex	CCBF83
RGB	204, 191, 131
RGB Percent	80%, 75%, 51%
CMY	0.2000, 0.2510, 0.4863
CMYK	0.00, 0.06, 0.36, 0.20
HSL	49°, 42%, 66%
HSV	49°, 36%, 80%
XYZ	47.6315, 51.7377, 28.9485
YIQ	188.0470, 27.0080, -15.9040

Conversions

Conversions Part 2

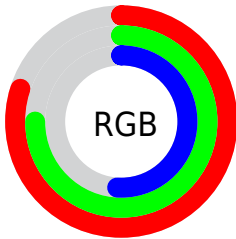
Format	Color
RYB	147, 204, 131
Decimal	13418371
CIELab	77.12, -4.24, 31.95
CIELCh	77, 32.236, 97.566
Yxy	51.7377, 0.3712, 0.4032
Android (android.graphics.Color)	4291608451 (0xFFCCBF83)
YUV	188.0470, -28.1242, 13.9908
Hunter-Lab	71.9289, -7.6724, 26.4884

Details

The Yxy color **51.7377, 0.3712, 0.4032** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **29.1352, 0.2508, 0.2417**, and the grayscale version is **50.4708, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.2843, 0.3563, 0.3907**, and **25.1606, 0.3856, 0.4224** is the 20% darker color. If you saturate the color by 10%, you get **49.6743, 0.3885, 0.4232**, and if you desaturate by 10%, it is **53.9541, 0.3539, 0.3823**.

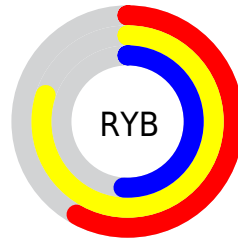
Distribution



Red (80%)

Green (75%)

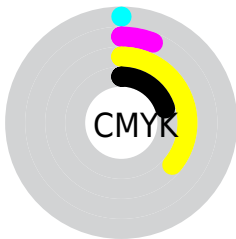
Blue (51%)



Red (58%)

Yellow (80%)

Blue (51%)

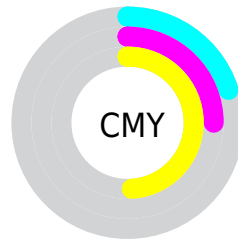


Cyan (0%)

Magenta (6%)

Yellow (36%)

Black (20%)



Cyan (20%)


Magenta (25%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.7377, 0.3712, 0.4032 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 51.7377, 0.3712, 0.4032 by changing the saturation by 10% instead.


 51.7377, 0.3712,
0.4032

 51.7377, 0.3712,
0.4032


393.4231, 0.3431,
0.3669

 36.7960, 0.3777,
0.4119


 92.7443, 0.3613,
0.3903

 25.0496, 0.3858,
0.4227


 119.5780, 0.3575,
0.3853

 16.1140, 0.3958,
0.4366


 151.1445, 0.3542,
0.3811

 9.6049, 0.4086,
0.4547

187.8283, 0.3514,
0.3775

 5.1378, 0.4246,
0.4788

230.0136, 0.3489,
0.3743

 2.3283, 0.4647,
0.5353

278.0849, 0.3468,

 0.7886, 0.4503,

0.3715

0.5497

332.4266, 0.3448,
0.3691

0.0000, 0.0000,
0.0000

51.7377, 0.3712,
0.4032

51.7377, 0.3712,
0.4032

49.6743, 0.3885,
0.4232

53.9541, 0.3539,
0.3823

47.7501, 0.4051,
0.4412

56.3225, 0.3372,
0.3612

45.9601, 0.4205,
0.4564

58.8512, 0.3214,
0.3406

44.2961, 0.4338,
0.4677

61.5455, 0.3066,
0.3208

42.7483, 0.4444,
0.4745

64.4104, 0.2931,
0.3022

■ 41.3050, 0.4522,
0.4768

■ 67.4509, 0.2807,
0.2850

■ 40.7188, 0.4550,
0.4769

■ 69.4001, 0.2801,
0.2874

■ 71.2885, 0.2803,
0.2914

■ 73.2184, 0.2806,
0.2954

Harmonies

Analogous

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



51.7377, 0.3958, 0.3804



51.7377, 0.3712, 0.4032



51.7377, 0.3317, 0.4057

Triad

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



51.7377, 0.3712, 0.4032



51.7377, 0.2350, 0.3012



51.7377, 0.3331, 0.2827

Complementary

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



51.7377, 0.3712, 0.4032



29.1352, 0.2508, 0.2417

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.



51.7377, 0.2892, 0.2637



51.7377, 0.3712, 0.4032



51.7377, 0.2352, 0.2717

Square

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



51.7377, 0.3712, 0.4032



51.7377, 0.2539, 0.3426



51.7377, 0.2543, 0.2592



51.7377, 0.3737, 0.3124

Rectangle

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



51.7377, 0.3712, 0.4032



51.7377, 0.3027, 0.3931



51.7377, 0.2543, 0.2592



51.7377, 0.3182, 0.2750

Sweetspot

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



51.7401, 0.3712, 0.4032



95.1758, 0.3298, 0.3515



31.0973, 0.3819, 0.3119



20.2493, 0.3319, 0.3544



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.



51.7401, 0.3712, 0.4032



82.9971, 0.3847, 0.4189



54.6401, 0.3466, 0.4235



12.7434, 0.3270, 0.3479



25.7494, 0.4544, 0.4774



1.4197, 0.4464, 0.4838

Inverse Universe

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



29.1352, 0.2508, 0.2417



40.1412, 0.2356, 0.2188



27.4750, 0.2684, 0.2279



11.1619, 0.2982, 0.3094



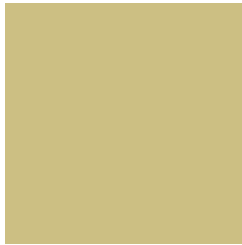
3.6491, 0.1548, 0.0773



0.2895, 0.1642, 0.1111

Previews

White Background



This preview shows how the Yxy color 51.7377, 0.3712, 0.4032 looks on a white background.

Color Contrast Check

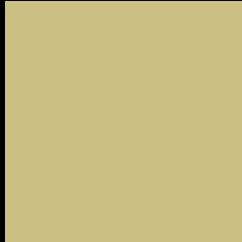
Large Text (above 18pt) WCAG AA × Fail

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 51.7377, 0.3712, 0.4032 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

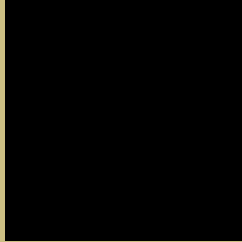
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.7377, 0.3712, 0.4032

Background



This preview shows how black text looks on a background with the Yxy color 51.7377, 0.3712, 0.4032.

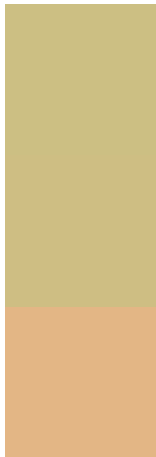


This preview shows how white text looks on a background with the Yxy color 51.7377, 0.3712, 0.4032.

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

51.7377, 0.3712, 0.4032

Protanopia

51.5874, 0.3734, 0.4016

Deuteranopia

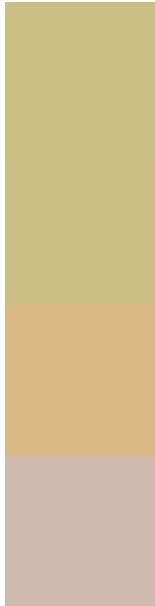
51.4802, 0.3944, 0.3857



Tritanopia

51.7471, 0.3253, 0.3125

Trichromacy



Original Color

51.7377, 0.3712, 0.4032

Protanomaly

51.4447, 0.3725, 0.4018

Deuteranomaly

51.4239, 0.3865, 0.3919

Tritanomaly

51.5448, 0.3420, 0.3449

Monochromacy



Original Color

51.7377, 0.3712, 0.4032

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.6545, 0.3342, 0.3569

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.7377, 0.3712, 0.4032 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(204, 191, 131)` looks like.

```
.text, #text, p{  
    color:rgb(204, 191, 131)  
}
```

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(204, 191, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 191, 131) }
```

Border

The CSS property to change the border of an element to Yxy 51.7377, 0.3712, 0.4032 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(204, 191, 131) }
```

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

```
.border{ border-color:rgb(204, 191, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 191, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 191, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 191, 131);  
box-shadow:4px 4px 4px 4px rgb(204, 191,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 51.7377, 0.3712, 0.4032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 191, 131) }
```

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

```
.background{ background-color: rgb(204,  
191, 131) }
```

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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