

Converting Colors

$Yxy(48.5003, 0.3373, 0.3442)$

Have a look what the booklet for
Yxy(48.5003, 0.3373, 0.3442)
contains.

Yxy(48.5003, 0.3373, 0.3442)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(48.5003, 0.3373, 0.3442)

Conversions

Conversions Part 1

Format	Color
Hex	C7B6AA
RGB	199, 182, 170
RGB Percent	78%, 71%, 67%
CMY	0.2198, 0.2862, 0.3334
CMYK	0.00, 0.09, 0.15, 0.22
HSL	25°, 21%, 72%
HSV	25°, 15%, 78%
XYZ	47.5280, 48.5003, 44.8790
YIQ	185.7150, 13.9840, -0.1280

Conversions

Conversions Part 2

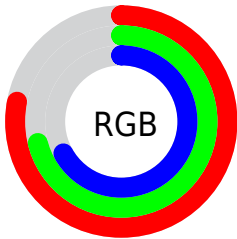
Format	Color
RYB	199, 190, 170
Decimal	13088426
CIELab	75.14, 4.02, 8.30
CIElCh	75, 9.218, 64.141
Yxy	48.5003, 0.3373, 0.3442
Android (android.graphics.Color)	4291278506 (0xFFC7B6AA)
YUV	185.7150, -7.7475, 11.6509
Hunter-Lab	69.6422, -0.0545, 10.5417

Details

The Yxy color **48.5003, 0.3373, 0.3442** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.1766, 0.2903, 0.3133**, and the grayscale version is **48.9716, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.8453, 0.3324, 0.3419**, and **23.0283, 0.3443, 0.3478** is the 20% darker color. If you saturate the color by 10%, you get **43.2361, 0.3575, 0.3553**, and if you desaturate by 10%, it is **54.2787, 0.3198, 0.3336**.

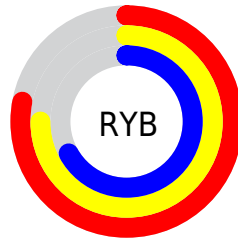
Distribution



Red (78%)

Green (71%)

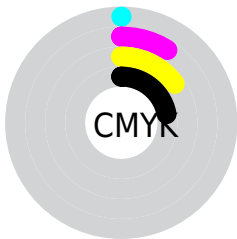
Blue (67%)



Red (78%)

Yellow (75%)

Blue (67%)

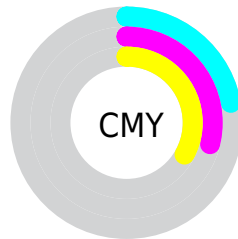


Cyan (0%)

Magenta (9%)

Yellow (15%)

Black (22%)



Cyan (22%)


Magenta (29%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.5003, 0.3373, 0.3442 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 48.5003, 0.3373, 0.3442 by changing the saturation by 10% instead.


 48.5003, 0.3373,
0.3442

 48.5003, 0.3373,
0.3442


380.7718, 0.3250,
0.3367

 34.2233, 0.3404,
0.3460


 87.9488, 0.3328,
0.3415

 23.0652, 0.3443,
0.3483


113.8891, 0.3312,
0.3405

 14.6416, 0.3495,
0.3514


144.4859, 0.3298,
0.3396

 8.5683, 0.3567,
0.3555

180.1237, 0.3285,
0.3389

 4.4607, 0.3675,
0.3615

221.1867, 0.3275,
0.3383

 1.9344, 0.3851,
0.3708

268.0595, 0.3266,

 0.5690, 0.5122,

0.3377

0.4561

321.1264, 0.3258,
0.3372

0.0000, 0.0000,
0.0000

48.5003, 0.3373,
0.3442

48.5003, 0.3373,
0.3442

43.2361, 0.3575,
0.3553

54.2787, 0.3198,
0.3336

38.4650, 0.3807,
0.3666

60.5788, 0.3048,
0.3237

34.1736, 0.4070,
0.3776

67.4162, 0.2919,
0.3145

30.3456, 0.4360,
0.3875

74.8040, 0.2809,
0.3061

26.9636, 0.4669,
0.3952

81.7873, 0.2788,
0.3132

■ 24.0090, 0.4983,
0.3995

■ 88.8651, 0.2797,
0.3256

■ 21.4612, 0.5280,
0.3990

■ 90.8769, 0.2800,
0.3289

■ 19.2973, 0.5537,
0.3932

■ 18.2664, 0.5662,
0.3887

Harmonies

Analogous

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



48.5003, 0.3366, 0.3343



48.5003, 0.3373, 0.3442



48.5003, 0.3313, 0.3503

Triad

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



48.5003, 0.3373, 0.3442



48.5003, 0.2963, 0.3347



48.5003, 0.3047, 0.3083

Complementary

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



48.5003, 0.3373, 0.3442



48.1766, 0.2903, 0.3133

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.



48.5003, 0.2942, 0.3080



48.5003, 0.3373, 0.3442



48.5003, 0.2894, 0.3230

Square

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



48.5003, 0.3373, 0.3442



48.5003, 0.3075, 0.3450



48.5003, 0.2887, 0.3133



48.5003, 0.3176, 0.3138

Rectangle

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



48.5003, 0.3373, 0.3442



48.5003, 0.3244, 0.3513



48.5003, 0.2887, 0.3133



48.5003, 0.3008, 0.3076

Sweetspot

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



48.5025, 0.3373, 0.3442



95.6139, 0.3190, 0.3331



44.4848, 0.3242, 0.3073



20.2924, 0.3203, 0.3339



0.0000, 0.0000, 0.0000



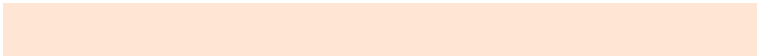
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



48.5025, 0.3373, 0.3442



82.3964, 0.3424, 0.3471



54.5476, 0.3348, 0.3613



11.3485, 0.3279, 0.3386



11.9147, 0.5638, 0.3906



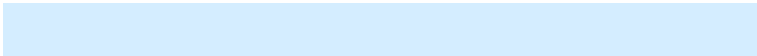
0.7064, 0.5266, 0.4201

Inverse Universe

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



48.1766, 0.2903, 0.3133



81.7319, 0.2861, 0.3101



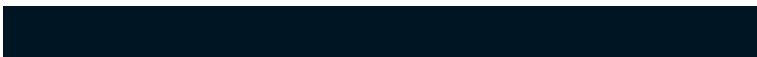
42.5087, 0.2896, 0.2945



11.3006, 0.2983, 0.3192



10.9127, 0.1856, 0.1883



0.6573, 0.1946, 0.2207

Previews

White Background



This preview shows how the Yxy color 48.5003, 0.3373, 0.3442 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 48.5003, 0.3373, 0.3442 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

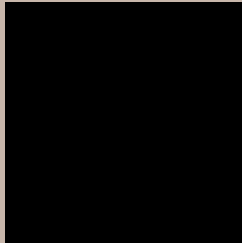
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.5003, 0.3373, 0.3442

Background



This preview shows how black text looks on a background with the Yxy color 48.5003, 0.3373, 0.3442.



This preview shows how white text looks on a background with the Yxy color 48.5003, 0.3373, 0.3442.

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

48.5003, 0.3373, 0.3442

Protanopia

48.4277, 0.3300, 0.3457

Deuteranopia

48.5904, 0.3451, 0.3389



Tritanopia

48.6470, 0.3213, 0.3119

Trichromacy



Original Color

48.5003, 0.3373, 0.3442

Protanomaly

48.4093, 0.3328, 0.3443

Deuteranomaly

48.5619, 0.3422, 0.3402

Tritanomaly

48.5628, 0.3269, 0.3229

Monochromacy



Original Color

48.5003, 0.3373, 0.3442

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

49.0696, 0.3217, 0.3354

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.5003, 0.3373, 0.3442 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(199, 182, 170)` looks like.

```
.text, #text, p{  
    color:rgb(199, 182, 170)  
}
```

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(199, 182, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 182, 170) }
```

Border

The CSS property to change the border of an element to Yxy 48.5003, 0.3373, 0.3442 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(199, 182, 170) }
```

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

```
.border{ border-color:rgb(199, 182, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 182, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 182, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 182, 170);  
box-shadow:4px 4px 4px 4px rgb(199, 182,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 48.5003, 0.3373, 0.3442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 182, 170) }
```

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

```
.background{ background-color: rgb(199,  
182, 170) }
```

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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