

Converting Colors

Yxy(47.6336, 0.3210, 0.3453)

Have a look what the booklet for
Yxy(47.6336, 0.3210, 0.3453)
contains.

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Color

Yxy(47.7438, 0.3212, 0.3460)

Conversions

Conversions Part 1

Format	Color
Hex	B7B9AC
RGB	183, 185, 172
RGB Percent	72%, 73%, 67%
CMY	0.2824, 0.2745, 0.3254
CMYK	0.01, 0.00, 0.07, 0.27
HSL	69°, 8%, 70%
HSV	69°, 7%, 73%
XYZ	44.3217, 47.7438, 45.9224
YIQ	182.9200, 2.9810, -4.4670

Conversions

Conversions Part 2

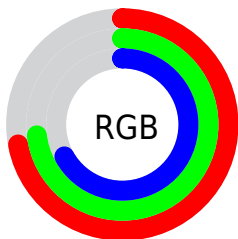
Format	Color
RYB	172, 185, 174
Decimal	12040620
CIELab	74.66, -3.06, 6.33
CIELCh	75, 7.030, 115.795
Yxy	47.7438, 0.3212, 0.3460
Android (android.graphics.Color)	4290230700 (0xFFB7B9AC)
YUV	182.9200, -5.3836, 0.0702
Hunter-Lab	69.0969, -6.4220, 8.9632

Details

The Yxy color **47.7438, 0.3212, 0.3460** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **42.0241, 0.3039, 0.3116**, and the grayscale version is **47.3368, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.8074, 0.3200, 0.3433**, and **22.6044, 0.3233, 0.3505** is the 20% darker color. If you saturate the color by 10%, you get **46.7323, 0.3335, 0.3712**, and if you desaturate by 10%, it is **48.8658, 0.3092, 0.3220**.

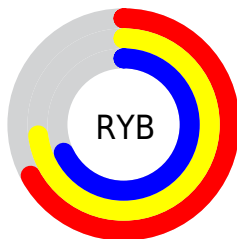
Distribution



Red (72%)

Green (73%)

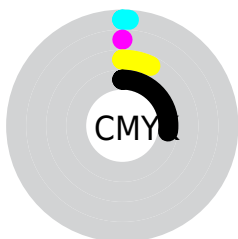
Blue (67%)



Red (67%)

Yellow (73%)

Blue (68%)

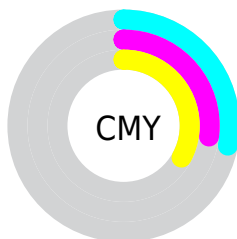


Cyan (1%)

Magenta (0%)

Yellow (7%)

Black (27%)



Cyan (28%)


Magenta (27%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.7438, 0.3212, 0.3460 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 47.7438, 0.3212, 0.3460 by changing the saturation by 10% instead.

 47.7438, 0.3212,
0.3460

 47.7438, 0.3212,
0.3460


377.7757, 0.3170,
0.3375

 33.6240, 0.3222,
0.3481


 86.8228, 0.3197,
0.3429

 22.6049, 0.3236,
0.3509


112.5509, 0.3191,
0.3417

 14.3021, 0.3253,
0.3546


142.9172, 0.3186,
0.3408

 8.3311, 0.3277,
0.3597

178.3061, 0.3182,
0.3399

 4.3075, 0.3313,
0.3675

219.1020, 0.3178,
0.3392

 1.8470, 0.3370,
0.3804

265.6893, 0.3175,

 0.5162, 0.3955,

0.3385

0.4908

318.4524, 0.3173,
0.3380

0.0000, 0.0000,
0.0000

47.7438, 0.3212,
0.3460

47.7438, 0.3212,
0.3460

46.7323, 0.3335,
0.3712

48.8658, 0.3092,
0.3220

45.8208, 0.3458,
0.3971

50.0958, 0.2977,
0.2995

45.0072, 0.3576,
0.4229

51.4396, 0.2868,
0.2787

44.2866, 0.3684,
0.4477

52.9008, 0.2767,
0.2597

43.6539, 0.3777,
0.4706

53.8533, 0.2732,
0.2513

■ 43.1034, 0.3850,
0.4904

■ 54.2491, 0.2752,
0.2517

■ 42.6288, 0.3899,
0.5063

■ 54.6525, 0.2773,
0.2522

■ 42.2224, 0.3922,
0.5179

■ 55.0634, 0.2793,
0.2526

■ 41.8740, 0.3922,
0.5251

■ 55.4820, 0.2814,
0.2531

Harmonies

Analogous

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



47.7438, 0.3287, 0.3445



47.7438, 0.3212, 0.3460



47.7438, 0.3115, 0.3428

Triad

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



47.7438, 0.3212, 0.3460



47.7438, 0.2939, 0.3188



47.7438, 0.3232, 0.3224

Complementary

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



47.7438, 0.3212, 0.3460



42.0241, 0.3039, 0.3116

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.



47.7438, 0.3137, 0.3158



47.7438, 0.3212, 0.3460



47.7438, 0.2969, 0.3136

Square

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



47.7438, 0.3212, 0.3460



47.7438, 0.2959, 0.3269



47.7438, 0.3041, 0.3126



47.7438, 0.3299, 0.3307

Rectangle

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



47.7438, 0.3212, 0.3460



47.7438, 0.3051, 0.3384



47.7438, 0.3041, 0.3126



47.7438, 0.3202, 0.3199

Sweetspot

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



47.7459, 0.3212, 0.3460



86.4784, 0.3152, 0.3339



43.5574, 0.3242, 0.3316



18.6476, 0.3150, 0.3336



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



47.7459, 0.3212, 0.3460



85.2916, 0.3226, 0.3488



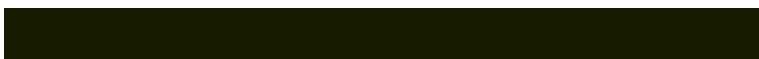
46.9782, 0.3157, 0.3463



10.4303, 0.3240, 0.3518



28.4681, 0.3923, 0.5267



1.0229, 0.3997, 0.5208

Inverse Universe

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



42.0241, 0.3039, 0.3116



73.5068, 0.3024, 0.3087



42.7780, 0.3095, 0.3119



8.7852, 0.3008, 0.3055



2.5835, 0.1573, 0.0640



0.1124, 0.1783, 0.0756

Previews

White Background



This preview shows how the Yxy color 47.7438, 0.3212, 0.3460 looks on a white background.

Color Contrast Check

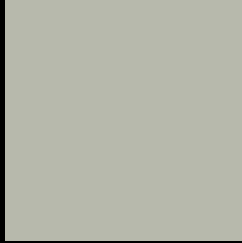
Large Text (above 18pt) WCAG AA × Fail

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 47.7438, 0.3212, 0.3460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

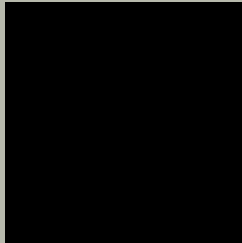
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

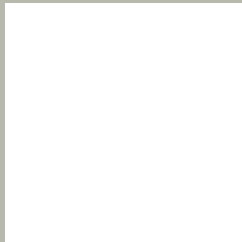
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.7438, 0.3212, 0.3460

Background



This preview shows how black text looks on a background with the Yxy color 47.7438, 0.3212, 0.3460.



This preview shows how white text looks on a background with the Yxy color 47.7438, 0.3212, 0.3460.

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

47.7438, 0.3212, 0.3460

Protanopia

47.7544, 0.3284, 0.3445

Deuteranopia

47.4794, 0.3402, 0.3328



Tritanopia

47.5981, 0.3060, 0.3101

Trichromacy



Original Color

47.7438, 0.3212, 0.3460

Protanomaly

47.7860, 0.3256, 0.3459

Deuteranomaly

47.5300, 0.3334, 0.3379

Tritanomaly

47.4829, 0.3122, 0.3226

Monochromacy



Original Color

47.7438, 0.3212, 0.3460

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

47.6029, 0.3158, 0.3355

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.7438, 0.3212, 0.3460 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(183, 185, 172)` looks like.

```
.text, #text, p{  
    color:rgb(183, 185, 172)  
}
```

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(183, 185, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 185, 172) }
```

Border

The CSS property to change the border of an element to Yxy 47.7438, 0.3212, 0.3460 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(183, 185, 172) }
```

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

```
.border{ border-color:rgb(183, 185, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 185, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 185, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 185, 172);  
box-shadow:4px 4px 4px 4px rgb(183, 185,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 47.7438, 0.3212, 0.3460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 185, 172) }
```

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

```
.background{ background-color: rgb(183,  
185, 172) }
```

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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