

Converting Colors

$Yxy(47.6796, 0.3220, 0.3476)$

Have a look what the booklet for
Yxy(47.6796, 0.3220, 0.3476)
contains.

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Color

Yxy(47.7055, 0.3220, 0.3474)

Conversions

Conversions Part 1

Format	Color
Hex	B7B9AB
RGB	183, 185, 171
RGB Percent	72%, 73%, 67%
CMY	0.2826, 0.2744, 0.3295
CMYK	0.01, 0.00, 0.08, 0.27
HSL	69°, 9%, 70%
HSV	69°, 8%, 73%
XYZ	44.2175, 47.7055, 45.3985
YIQ	182.8060, 3.3020, -4.7780

Conversions

Conversions Part 2

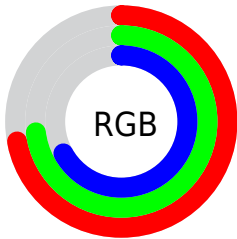
Format	Color
RYB	171, 185, 173
Decimal	12040619
CIELab	74.64, -3.26, 6.86
CIELCh	75, 7.595, 115.408
Yxy	47.7055, 0.3220, 0.3474
Android (android.graphics.Color)	4290230699 (0xFFB7B9AB)
YUV	182.8060, -5.8204, 0.1701
Hunter-Lab	69.0692, -6.5968, 9.3777

Details

The Yxy color **47.7055, 0.3220, 0.3474** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **41.5159, 0.3030, 0.3101**, and the grayscale version is **47.2699, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.7523, 0.3206, 0.3443**, and **22.5803, 0.3244, 0.3524** is the 20% darker color. If you saturate the color by 10%, you get **46.7187, 0.3345, 0.3726**, and if you desaturate by 10%, it is **48.8017, 0.3098, 0.3233**.

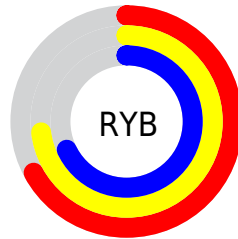
Distribution



Red (72%)

Green (73%)

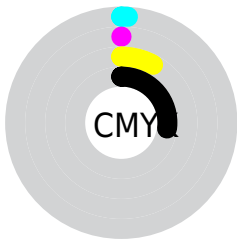
Blue (67%)



Red (67%)

Yellow (73%)

Blue (68%)

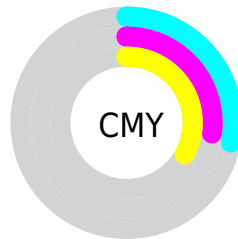


Cyan (1%)

Magenta (0%)

Yellow (8%)

Black (27%)



Cyan (28%)

Magenta (27%)

Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.7055, 0.3220, 0.3474 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 47.7055, 0.3220, 0.3474 by changing the saturation by 10% instead.


 47.7055, 0.3220,
0.3474

 47.7055, 0.3220,
0.3474


377.6236, 0.3174,
0.3382

 33.5937, 0.3231,
0.3497


 86.7658, 0.3203,
0.3440

 22.5817, 0.3246,
0.3527


112.4830, 0.3197,
0.3428

 14.2849, 0.3265,
0.3567


142.8376, 0.3192,
0.3417

 8.3191, 0.3291,
0.3623

178.2139, 0.3187,
0.3408

 4.2998, 0.3330,
0.3707

218.9962, 0.3183,
0.3400

 1.8426, 0.3393,
0.3847

265.5690, 0.3180,

 0.5135, 0.4079,

0.3393

0.5127

318.3167, 0.3177,
0.3387

0.0000, 0.0000,
0.0000

47.7055, 0.3220,
0.3474

47.7055, 0.3220,
0.3474

46.7187, 0.3345,
0.3726

48.8017, 0.3098,
0.3233

45.8311, 0.3469,
0.3985

50.0050, 0.2981,
0.3007

45.0402, 0.3588,
0.4242

51.3211, 0.2872,
0.2798

44.3413, 0.3697,
0.4488

52.7535, 0.2769,
0.2606

43.7292, 0.3790,
0.4713

53.7461, 0.2726,
0.2512

■ 43.1983, 0.3863,
0.4908

■ 54.1177, 0.2745,
0.2516

■ 42.7421, 0.3913,
0.5063

■ 54.4961, 0.2765,
0.2520

■ 42.3531, 0.3936,
0.5174

■ 54.8812, 0.2784,
0.2524

■ 42.0199, 0.3936,
0.5243

■ 55.2731, 0.2804,
0.2528

Harmonies

Analogous

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



47.7055, 0.3301, 0.3457



47.7055, 0.3220, 0.3474



47.7055, 0.3115, 0.3440

Triad

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



47.7055, 0.3220, 0.3474



47.7055, 0.2924, 0.3181



47.7055, 0.3239, 0.3217

Complementary

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



47.7055, 0.3220, 0.3474



41.5159, 0.3030, 0.3101

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.



47.7055, 0.3136, 0.3146



47.7055, 0.3220, 0.3474



47.7055, 0.2956, 0.3124

Square

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



47.7055, 0.3220, 0.3474



47.7055, 0.2946, 0.3268



47.7055, 0.3033, 0.3112



47.7055, 0.3312, 0.3307

Rectangle

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



47.7055, 0.3220, 0.3474



47.7055, 0.3046, 0.3393



47.7055, 0.3033, 0.3112



47.7055, 0.3207, 0.3190

Sweetspot

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



47.7076, 0.3220, 0.3474



86.4856, 0.3152, 0.3339



43.0896, 0.3253, 0.3315



18.6490, 0.3151, 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.



47.7076, 0.3220, 0.3474



85.1328, 0.3239, 0.3513



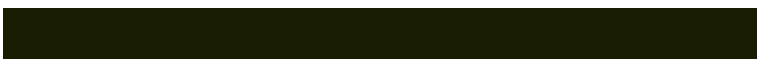
46.8924, 0.3162, 0.3477



10.4343, 0.3242, 0.3517



28.5769, 0.3938, 0.5255



1.0259, 0.4008, 0.5199

Inverse Universe

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



41.5159, 0.3030, 0.3101



71.9039, 0.3009, 0.3060



42.3130, 0.3090, 0.3105



8.7815, 0.3007, 0.3055



2.5671, 0.1567, 0.0637



0.1108, 0.1768, 0.0748

Previews

White Background



This preview shows how the Yxy color 47.7055, 0.3220, 0.3474 looks on a white background.

Color Contrast Check

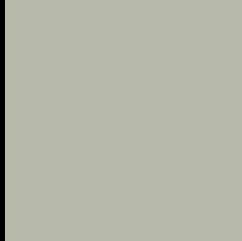
Large Text (above 18pt) WCAG AA × Fail

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 47.7055, 0.3220, 0.3474 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

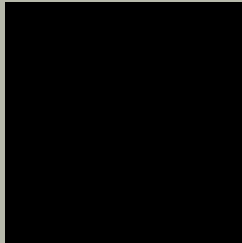
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

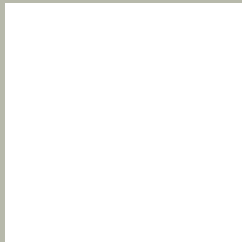
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.7055, 0.3220, 0.3474

Background



This preview shows how black text looks on a background with the Yxy color 47.7055, 0.3220, 0.3474.



This preview shows how white text looks on a background with the Yxy color 47.7055, 0.3220, 0.3474.

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

47.7055, 0.3220, 0.3474

Protanopia

47.7164, 0.3292, 0.3458

Deuteranopia

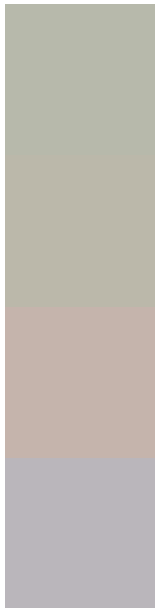
47.4405, 0.3411, 0.3340



Tritanopia

47.5981, 0.3060, 0.3101

Trichromacy



Original Color

47.7055, 0.3220, 0.3474

Protanomaly

47.7481, 0.3264, 0.3472

Deuteranomaly

47.4914, 0.3342, 0.3392

Tritanomaly

47.4829, 0.3122, 0.3226

Monochromacy



Original Color

47.7055, 0.3220, 0.3474

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 47.7055, 0.3220, 0.3474 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, 171)` looks like.

```
.text, #text, p{  
    color:rgb(183, 185, 171)  
}
```

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, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 185, 171) }
```

Border

The CSS property to change the border of an element to Yxy 47.7055, 0.3220, 0.3474 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, 171) }
```

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

```
.border{ border-color:rgb(183, 185, 171) }
```

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, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 185, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 185, 171);  
box-shadow:4px 4px 4px 4px rgb(183, 185,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 47.7055, 0.3220, 0.3474 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, 171) }
```

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

```
.background{ background-color: rgb(183,  
185, 171) }
```

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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