

Converting Colors

$Y_{xy}(47.2232, 0.3275, 0.3461)$

Have a look what the booklet for
Yxy(47.2232, 0.3275, 0.3461)
contains.

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Color

Yxy(47.4229, 0.3283, 0.3472)

Conversions

Conversions Part 1

Format	Color
Hex	BCB7A9
RGB	188, 183, 169
RGB Percent	74%, 72%, 66%
CMY	0.2626, 0.2824, 0.3373
CMYK	0.00, 0.03, 0.10, 0.26
HSL	44°, 12%, 70%
HSV	44°, 10%, 74%
XYZ	44.8414, 47.4229, 44.3224
YIQ	182.8990, 7.4740, -3.2940

Conversions

Conversions Part 2

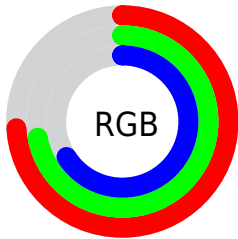
Format	Color
RYB	176, 188, 169
Decimal	12367785
CIELab	74.46, -0.67, 7.74
CIELCh	74, 7.770, 94.961
Yxy	47.4229, 0.3283, 0.3472
Android (android.graphics.Color)	4290557865 (0xFFBCB7A9)
YUV	182.8990, -6.8522, 4.4736
Hunter-Lab	68.8643, -4.2811, 10.0448

Details

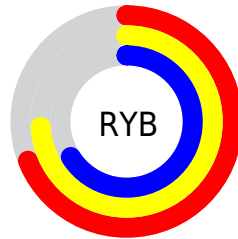
The Yxy color **47.4229, 0.3283, 0.3472** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **42.3572, 0.2972, 0.3101**, and the grayscale version is **47.3346, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.3479, 0.3254, 0.3442**, and **22.4005, 0.3330, 0.3521** is the 20% darker color. If you saturate the color by 10%, you get **44.7476, 0.3450, 0.3659**, and if you desaturate by 10%, it is **50.2768, 0.3129, 0.3292**.

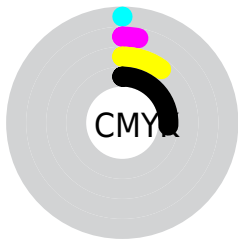
Distribution



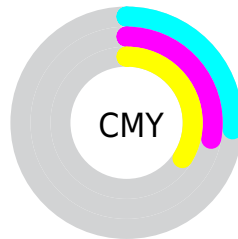
- Red (74%)
- Green (72%)
- Blue (66%)



- Red (69%)
- Yellow (74%)
- Blue (66%)



- Cyan (0%)
- Magenta (3%)
- Yellow (10%)
- Black (26%)



- Cyan (26%)
- Magenta (28%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.4229, 0.3283, 0.3472 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 47.4229, 0.3283, 0.3472 by changing the saturation by 10% instead.

■ 47.4229, 0.3283,
0.3472

■ 47.4229, 0.3283,
0.3472

376.5001, 0.3205,
0.3381

■ 33.3701, 0.3302,
0.3495

■ 86.3445, 0.3255,
0.3439

■ 22.4101, 0.3327,
0.3524

111.9822, 0.3244,
0.3427

■ 14.1586, 0.3360,
0.3563

142.2502, 0.3235,
0.3416

■ 8.2310, 0.3406,
0.3617

177.5330, 0.3228,
0.3407

■ 4.2431, 0.3474,
0.3697

218.2150, 0.3221,
0.3399

■ 1.8105, 0.3585,
0.3830

264.6806, 0.3215,

■ 0.4937, 0.4784,

0.3393

0.5216

317.3141, 0.3210,
0.3386

0.0000, 0.0000,
0.0000

47.4229, 0.3283,
0.3472

47.4229, 0.3283,
0.3472

44.7476, 0.3450,
0.3659

50.2768, 0.3129,
0.3292

42.2397, 0.3629,
0.3850

53.3080, 0.2989,
0.3123

39.8958, 0.3816,
0.4037

56.5230, 0.2863,
0.2965

37.7103, 0.4007,
0.4213

59.9262, 0.2749,
0.2818

35.6767, 0.4195,
0.4369

62.9946, 0.2692,
0.2765

■ 33.7883, 0.4370,
0.4493

■ 65.4640, 0.2697,
0.2822

■ 32.0374, 0.4526,
0.4575

■ 68.0106, 0.2703,
0.2879

■ 30.4148, 0.4654,
0.4611

■ 70.6351, 0.2708,
0.2936

■ 28.9225, 0.4756,
0.4606

■ 73.3380, 0.2714,
0.2992

Harmonies

Analogous

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



47.4229, 0.3335, 0.3422



47.4229, 0.3283, 0.3472



47.4229, 0.3189, 0.3473

Triad

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



47.4229, 0.3283, 0.3472



47.4229, 0.2928, 0.3237



47.4229, 0.3172, 0.3163

Complementary

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



47.4229, 0.3283, 0.3472



42.3572, 0.2972, 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.



47.4229, 0.3062, 0.3114



47.4229, 0.3283, 0.3472



47.4229, 0.2923, 0.3155

Square

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



47.4229, 0.3283, 0.3472



47.4229, 0.2985, 0.3336



47.4229, 0.2972, 0.3111



47.4229, 0.3270, 0.3244

Rectangle

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



47.4229, 0.3283, 0.3472



47.4229, 0.3117, 0.3445



47.4229, 0.2972, 0.3111



47.4229, 0.3135, 0.3142

Sweetspot

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



47.4250, 0.3283, 0.3472



89.5303, 0.3173, 0.3344



42.1295, 0.3259, 0.3224



19.1625, 0.3185, 0.3358



95.5105, 0.3127, 0.3290



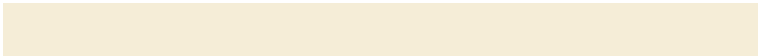
19.5994, 0.3127, 0.3290

Same Dimension

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



47.4250, 0.3283, 0.3472



84.8779, 0.3316, 0.3510



48.9909, 0.3238, 0.3539



10.6807, 0.3271, 0.3458



19.8084, 0.4747, 0.4613



0.8776, 0.4587, 0.4740

Inverse Universe

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



42.3572, 0.2972, 0.3101



73.9823, 0.2938, 0.3060



40.9406, 0.3009, 0.3035



9.6260, 0.2984, 0.3116



4.1233, 0.1594, 0.0938



0.2730, 0.1731, 0.1431

Previews

White Background



This preview shows how the Yxy color 47.4229, 0.3283, 0.3472 looks on a white background.

Color Contrast Check

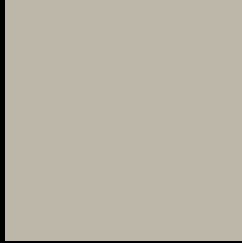
Large Text (above 18pt) WCAG AA × Fail

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 47.4229, 0.3283, 0.3472 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

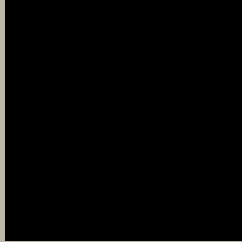
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

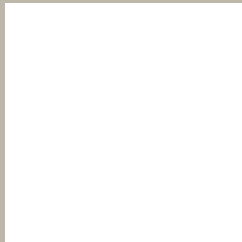
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.4229, 0.3283, 0.3472

Background



This preview shows how black text looks on a background with the Yxy color 47.4229, 0.3283, 0.3472.



This preview shows how white text looks on a background with the Yxy color 47.4229, 0.3283, 0.3472.

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

47.4229, 0.3283, 0.3472

Protanopia

47.2676, 0.3302, 0.3458

Deuteranopia

47.4684, 0.3446, 0.3378



Tritanopia

47.2969, 0.3127, 0.3115

Trichromacy



Original Color

47.4229, 0.3283, 0.3472

Protanomaly

47.1393, 0.3293, 0.3459

Deuteranomaly

47.2846, 0.3379, 0.3404

Tritanomaly

47.1796, 0.3190, 0.3239

Monochromacy



Original Color

47.4229, 0.3283, 0.3472

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

47.3956, 0.3184, 0.3355

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.4229, 0.3283, 0.3472 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(188, 183, 169)` looks like.

```
.text, #text, p{  
    color:rgb(188, 183, 169)  
}
```

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(188, 183, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 183, 169) }
```

Border

The CSS property to change the border of an element to Yxy 47.4229, 0.3283, 0.3472 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(188, 183, 169) }
```

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

```
.border{ border-color:rgb(188, 183, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 183, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 183, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 183, 169);  
box-shadow:4px 4px 4px 4px rgb(188, 183,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 47.4229, 0.3283, 0.3472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 183, 169) }
```

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

```
.background{ background-color: rgb(188,  
183, 169) }
```

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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