

Converting Colors

$Y_{xy}(46.8840, 0.3212, 0.3412)$

Have a look what the booklet for
Yxy(46.8840, 0.3212, 0.3412)
contains.

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Color

Yxy(47.0744, 0.3215, 0.3421)

Conversions

Conversions Part 1

Format	Color
Hex	B8B7AD
RGB	184, 183, 173
RGB Percent	72%, 72%, 68%
CMY	0.2785, 0.2823, 0.3216
CMYK	0.00, 0.01, 0.06, 0.28
HSL	55°, 7%, 70%
HSV	55°, 6%, 72%
XYZ	44.2398, 47.0744, 46.2901
YIQ	182.1590, 3.8060, -2.8980

Conversions

Conversions Part 2

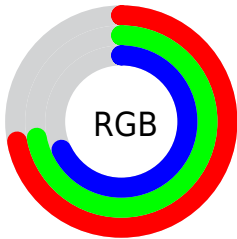
Format	Color
RYB	174, 184, 173
Decimal	12105645
CIELab	74.24, -1.46, 5.20
CIELCh	74, 5.398, 105.727
Yxy	47.0744, 0.3215, 0.3421
Android (android.graphics.Color)	4290295725 (0xFFB8B7AD)
YUV	182.1590, -4.5154, 1.6146
Hunter-Lab	68.6108, -4.9733, 8.0260

Details

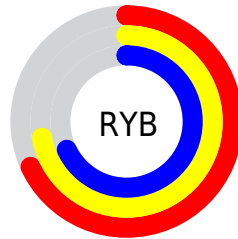
The Yxy color $47.0744, 0.3215, 0.3421$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $42.6053, 0.3038, 0.3156$, and the grayscale version is $46.8933, 0.3127, 0.3290$.

A 20% lighter version of the original color is $85.8597, 0.3202, 0.3402$, and $22.1710, 0.3237, 0.3451$ is the 20% darker color. If you saturate the color by 10%, you get $45.7462, 0.3368, 0.3647$, and if you desaturate by 10%, it is $48.5125, 0.3070, 0.3204$.

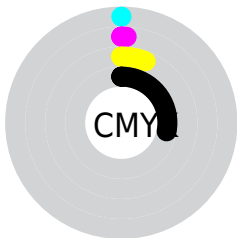
Distribution



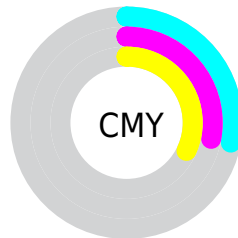
- Red (72%)
- Green (72%)
- Blue (68%)



- Red (68%)
- Yellow (72%)
- Blue (68%)



- Cyan (0%)
- Magenta (1%)
- Yellow (6%)
- Black (28%)



- Cyan (28%)
- Magenta (28%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.0744, 0.3215, 0.3421 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 47.0744, 0.3215, 0.3421 by changing the saturation by 10% instead.

■ 47.0744, 0.3215,
0.3421

■ 47.0744, 0.3215,
0.3421

375.1114, 0.3171,
0.3355

■ 33.0945, 0.3226,
0.3437

■ 85.8247, 0.3199,
0.3397

■ 22.1988, 0.3240,
0.3459

111.3638, 0.3193,
0.3388

■ 14.0031, 0.3258,
0.3487

141.5248, 0.3188,
0.3381

■ 8.1228, 0.3284,
0.3526

176.6920, 0.3184,
0.3374

■ 4.1736, 0.3323,
0.3586

217.2499, 0.3180,
0.3369

■ 1.7712, 0.3386,
0.3685

263.5829, 0.3177,

■ 0.4691, 0.3995,

0.3364

0.4569

316.0752, 0.3174,
0.3359

0.0000, 0.0000,
0.0000

47.0744, 0.3215,
0.3421

47.0744, 0.3215,
0.3421

45.7462, 0.3368,
0.3647

48.5125, 0.3070,
0.3204

44.5178, 0.3526,
0.3877

50.0582, 0.2934,
0.2998

43.3869, 0.3685,
0.4103

51.7170, 0.2809,
0.2807

42.3489, 0.3839,
0.4317

53.4924, 0.2694,
0.2630

41.3988, 0.3982,
0.4509

54.7273, 0.2646,
0.2565

■ 40.5311, 0.4108,
0.4671

■ 55.4404, 0.2648,
0.2584

■ 39.7395, 0.4212,
0.4795

■ 56.1614, 0.2650,
0.2603

■ 39.0169, 0.4289,
0.4875

■ 56.8903, 0.2652,
0.2622

■ 38.3541, 0.4340,
0.4913

■ 57.6271, 0.2654,
0.2641

Harmonies

Analogous

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



47.0744, 0.3263, 0.3398



47.0744, 0.3215, 0.3421



47.0744, 0.3144, 0.3408

Triad

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



47.0744, 0.3215, 0.3421



47.0744, 0.2982, 0.3231



47.0744, 0.3185, 0.3219

Complementary

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



47.0744, 0.3215, 0.3421



42.6053, 0.3038, 0.3156

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.



47.0744, 0.3109, 0.3176



47.0744, 0.3215, 0.3421



47.0744, 0.2993, 0.3182

Square

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



47.0744, 0.3215, 0.3421



47.0744, 0.3010, 0.3297



47.0744, 0.3039, 0.3162



47.0744, 0.3246, 0.3281

Rectangle

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



47.0744, 0.3215, 0.3421



47.0744, 0.3093, 0.3381



47.0744, 0.3039, 0.3162



47.0744, 0.3160, 0.3202

Sweetspot

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



47.0764, 0.3215, 0.3421



86.3607, 0.3157, 0.3334



43.1357, 0.3217, 0.3276



18.6235, 0.3155, 0.3332



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.



47.0764, 0.3215, 0.3421



85.0727, 0.3232, 0.3447



46.9439, 0.3176, 0.3435



10.4204, 0.3238, 0.3455



26.3145, 0.4355, 0.4924



0.9676, 0.4308, 0.4961

Inverse Universe

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



42.6053, 0.3038, 0.3156



75.4768, 0.3020, 0.3128



42.7411, 0.3076, 0.3144



9.1886, 0.3014, 0.3120



2.6920, 0.1519, 0.0669



0.1378, 0.1590, 0.0925

Previews

White Background



This preview shows how the Yxy color 47.0744, 0.3215, 0.3421 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 47.0744, 0.3215, 0.3421 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

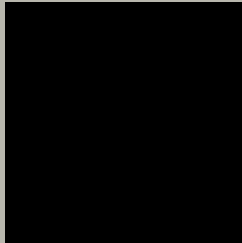
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

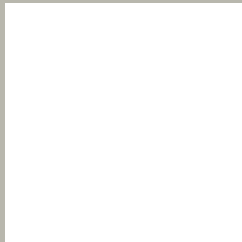
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.0744, 0.3215, 0.3421

Background



This preview shows how black text looks on a background with the Yxy color 47.0744, 0.3215, 0.3421.



This preview shows how white text looks on a background with the Yxy color 47.0744, 0.3215, 0.3421.

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

47.0744, 0.3215, 0.3421

Protanopia

47.1258, 0.3259, 0.3420

Deuteranopia

46.8032, 0.3386, 0.3316



Tritanopia

47.1024, 0.3076, 0.3113

Trichromacy



Original Color

47.0744, 0.3215, 0.3421

Protanomaly

46.9993, 0.3251, 0.3420

Deuteranomaly

47.0320, 0.3318, 0.3354

Tritanomaly

47.0320, 0.3130, 0.3226

Monochromacy



Original Color

47.0744, 0.3215, 0.3421

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.7779, 0.3159, 0.3329

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.0744, 0.3215, 0.3421 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(184, 183, 173)` looks like.

```
.text, #text, p{  
    color:rgb(184, 183, 173)  
}
```

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(184, 183, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 183, 173) }
```

Border

The CSS property to change the border of an element to Yxy 47.0744, 0.3215, 0.3421 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(184, 183, 173) }
```

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

```
.border{ border-color:rgb(184, 183, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 183, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 183, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 183, 173);  
box-shadow:4px 4px 4px 4px rgb(184, 183,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 47.0744, 0.3215, 0.3421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 183, 173) }
```

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

```
.background{ background-color: rgb(184,  
183, 173) }
```

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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