

Converting Colors

$Yxy(47.1068, 0.3392, 0.3668)$

Have a look what the booklet for
Yxy(47.1068, 0.3392, 0.3668)
contains.

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Color

Yxy(47.2123, 0.3387, 0.3672)

Conversions

Conversions Part 1

Format	Color
Hex	BBB89B
RGB	187, 184, 155
RGB Percent	73%, 72%, 61%
CMY	0.2667, 0.2784, 0.3923
CMYK	0.00, 0.02, 0.17, 0.27
HSL	54°, 19%, 67%
HSV	54°, 17%, 73%
XYZ	43.5479, 47.2123, 37.8136
YIQ	181.5910, 11.0970, -8.3830

Conversions

Conversions Part 2

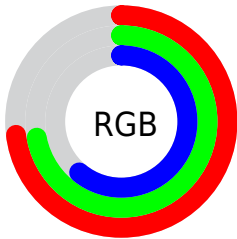
Format	Color
RYB	158, 187, 155
Decimal	12302491
CIELab	74.33, -3.87, 15.15
CIELCh	74, 15.640, 104.338
Yxy	47.2123, 0.3387, 0.3672
Android (android.graphics.Color)	4290492571 (0xFFBBB89B)
YUV	181.5910, -13.1094, 4.7437
Hunter-Lab	68.7112, -7.1145, 15.4690

Details

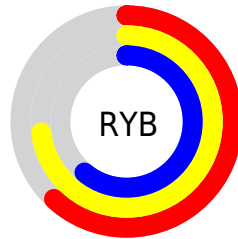
The Yxy color $47.2123, 0.3387, 0.3672$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $34.9935, 0.2853, 0.2877$, and the grayscale version is $46.6130, 0.3127, 0.3290$.

A 20% lighter version of the original color is $85.9783, 0.3341, 0.3608$, and $22.3004, 0.3461, 0.3775$ is the 20% darker color. If you saturate the color by 10%, you get $45.9129, 0.3546, 0.3901$, and if you desaturate by 10%, it is $48.6221, 0.3233, 0.3446$.

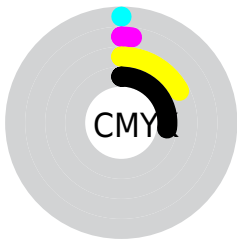
Distribution



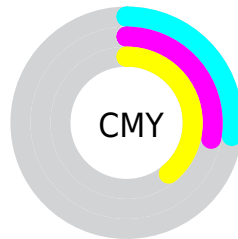
- Red (73%)
- Green (72%)
- Blue (61%)



- Red (62%)
- Yellow (73%)
- Blue (61%)



- Cyan (0%)
- Magenta (2%)
- Yellow (17%)
- Black (27%)





- Cyan (27%)
- Magenta (28%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.2123, 0.3387, 0.3672 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 47.2123, 0.3387, 0.3672 by changing the saturation by 10% instead.


 47.2123, 0.3387,
0.3672


 47.2123, 0.3387,
0.3672


375.6613, 0.3258,
0.3480

 33.2035, 0.3419,
0.3720


 86.0304, 0.3341,
0.3602

 22.2824, 0.3459,
0.3782


 111.6086, 0.3323,
0.3576

 14.0645, 0.3512,
0.3865


141.8120, 0.3308,
0.3554

 8.1656, 0.3584,
0.3980

177.0250, 0.3295,
0.3535

 4.2011, 0.3687,
0.4151

217.6320, 0.3284,
0.3518

 1.7867, 0.3874,
0.4460

264.0175, 0.3275,

 0.4788, 0.4296,

0.3504

0.5704

316.5658, 0.3266,
0.3491

0.0000, 0.0000,
0.0000

47.2123, 0.3387,
0.3672

47.2123, 0.3387,
0.3672

45.9129, 0.3546,
0.3901

48.6221, 0.3233,
0.3446

44.7132, 0.3705,
0.4125

50.1403, 0.3086,
0.3229

43.6104, 0.3859,
0.4336

51.7730, 0.2949,
0.3023

42.5992, 0.4002,
0.4525

53.5238, 0.2822,
0.2830

41.6738, 0.4127,
0.4683

55.3964, 0.2707,
0.2653

■ 40.8276, 0.4230,
0.4801

■ 56.5854, 0.2670,
0.2608

■ 40.0530, 0.4305,
0.4875

■ 57.3700, 0.2672,
0.2628

■ 39.3392, 0.4355,
0.4908

■ 58.1638, 0.2674,
0.2648

■ 39.1397, 0.4367,
0.4914

■ 58.9667, 0.2676,
0.2668

Harmonies

Analogous

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



47.2123, 0.3526, 0.3592



47.2123, 0.3387, 0.3672



47.2123, 0.3181, 0.3645

Triad

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



47.2123, 0.3387, 0.3672



47.2123, 0.2717, 0.3120



47.2123, 0.3282, 0.3082

Complementary

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



47.2123, 0.3387, 0.3672



34.9935, 0.2853, 0.2877

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.



47.2123, 0.3061, 0.2964



47.2123, 0.3387, 0.3672



47.2123, 0.2741, 0.2980

Square

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



47.2123, 0.3387, 0.3672



47.2123, 0.2798, 0.3316



47.2123, 0.2865, 0.2926



47.2123, 0.3466, 0.3252

Rectangle

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



47.2123, 0.3387, 0.3672



47.2123, 0.3035, 0.3567



47.2123, 0.2865, 0.2926



47.2123, 0.3210, 0.3035

Sweetspot

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



47.2144, 0.3387, 0.3672



87.6233, 0.3202, 0.3401



36.4715, 0.3419, 0.3247



19.2549, 0.3212, 0.3416



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.



47.2144, 0.3387, 0.3672



83.5572, 0.3454, 0.3768



46.9260, 0.3269, 0.3725



10.9640, 0.3266, 0.3496



27.0245, 0.4365, 0.4916



1.1035, 0.4319, 0.4953

Inverse Universe

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



34.9935, 0.2853, 0.2877



57.0893, 0.2778, 0.2762



35.3209, 0.2967, 0.2848



9.3648, 0.2984, 0.3075



2.8072, 0.1520, 0.0672



0.1589, 0.1590, 0.0925

Previews

White Background



This preview shows how the Yxy color 47.2123, 0.3387, 0.3672 looks on a white background.

Color Contrast Check

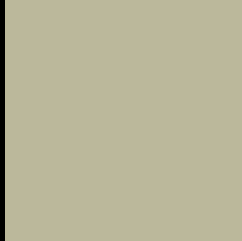
Large Text (above 18pt) WCAG AA × Fail

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 47.2123, 0.3387, 0.3672 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

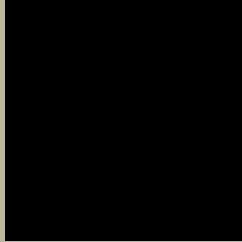
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

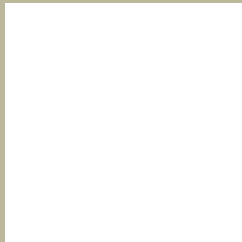
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.2123, 0.3387, 0.3672

Background



This preview shows how black text looks on a background with the Yxy color 47.2123, 0.3387, 0.3672.



This preview shows how white text looks on a background with the Yxy color 47.2123, 0.3387, 0.3672.

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

47.2123, 0.3387, 0.3672

Protanopia

46.9955, 0.3445, 0.3654

Deuteranopia

47.1866, 0.3600, 0.3526



Tritanopia

47.2969, 0.3127, 0.3115

Trichromacy



Original Color

47.2123, 0.3387, 0.3672

Protanomaly

47.1472, 0.3424, 0.3669

Deuteranomaly

47.1971, 0.3527, 0.3581

Tritanomaly

47.2496, 0.3221, 0.3316

Monochromacy



Original Color

47.2123, 0.3387, 0.3672

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

47.0359, 0.3223, 0.3434

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.2123, 0.3387, 0.3672 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(187, 184, 155)` looks like.

```
.text, #text, p{  
    color:rgb(187, 184, 155)  
}
```

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(187, 184, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 184, 155) }
```

Border

The CSS property to change the border of an element to Yxy 47.2123, 0.3387, 0.3672 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(187, 184, 155) }
```

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

```
.border{ border-color:rgb(187, 184, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 184, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 184, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 184, 155);  
box-shadow:4px 4px 4px 4px rgb(187, 184,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 47.2123, 0.3387, 0.3672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 184, 155) }
```

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

```
.background{ background-color: rgb(187,  
184, 155) }
```

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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