

Converting Colors

Yxy(47.4162, 0.3380, 0.3643)

Have a look what the booklet for
Yxy(47.4162, 0.3380, 0.3643)
contains.

Yxy(47.4067, 0.3379, 0.3644)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(47.4067, 0.3379, 0.3644)

Conversions

Conversions Part 1

Format	Color
Hex	BCB89D
RGB	188, 184, 157
RGB Percent	74%, 72%, 62%
CMY	0.2629, 0.2784, 0.3843
CMYK	0.00, 0.02, 0.16, 0.26
HSL	52°, 19%, 68%
HSV	52°, 16%, 74%
XYZ	43.9592, 47.4067, 38.7293
YIQ	182.1180, 11.0510, -7.5490

Conversions

Conversions Part 2

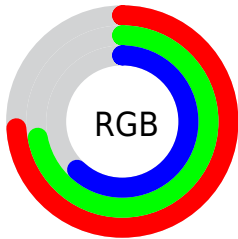
Format	Color
R _{YB}	162, 188, 157
Decimal	12368029
CIE Lab	74.45, -3.20, 14.24
CIE LCh	74, 14.595, 102.654
Yxy	47.4067, 0.3379, 0.3644
Android (android.graphics.Color)	4290558109 (0xFFBCB89D)
YUV	182.1180, -12.3832, 5.1585
Hunter-Lab	68.8525, -6.5279, 14.8463

Details

The Yxy color $47.4067, 0.3379, 0.3644$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $36.2695, 0.2865, 0.2909$, and the grayscale version is $46.9097, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.3067, 0.3329, 0.3576$, and $22.4241, 0.3451, 0.3737$ is the 20% darker color. If you saturate the color by 10%, you get $45.8267, 0.3541, 0.3865$, and if you desaturate by 10%, it is $49.1066, 0.3223, 0.3427$.

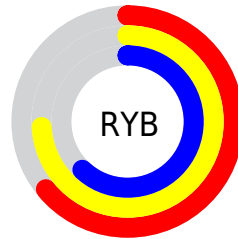
Distribution



Red (74%)

Green (72%)

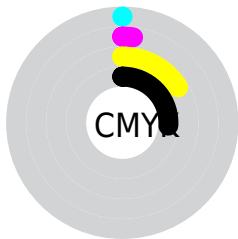
Blue (62%)



Red (64%)

Yellow (74%)

Blue (62%)

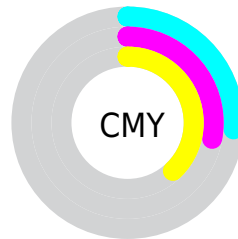


Cyan (0%)

Magenta (2%)

Yellow (16%)

Black (26%)



Cyan (26%)

Magenta (28%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.4067, 0.3379, 0.3644 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 47.4067, 0.3379, 0.3644 by changing the saturation by 10% instead.

■ 47.4067, 0.3379,
0.3644

■ 47.4067, 0.3379,
0.3644

376.4356, 0.3254,
0.3466

■ 33.3573, 0.3410,
0.3688

■ 86.3204, 0.3334,
0.3579

■ 22.4003, 0.3449,
0.3746

■ 111.9534, 0.3317,
0.3555

■ 14.1513, 0.3500,
0.3822

142.2165, 0.3303,
0.3535

■ 8.2260, 0.3571,
0.3928

177.4939, 0.3290,
0.3517

■ 4.2399, 0.3673,
0.4085

218.1702, 0.3279,
0.3502

■ 1.8086, 0.3846,
0.4357

264.6296, 0.3270,

■ 0.4926, 0.4420,

0.3489

0.5580

317.2566, 0.3262,
0.3477

0.0000, 0.0000,
0.0000

47.4067, 0.3379,
0.3644

47.4067, 0.3379,
0.3644

45.8267, 0.3541,
0.3865

49.1066, 0.3223,
0.3427

44.3558, 0.3705,
0.4083

50.9243, 0.3077,
0.3218

42.9910, 0.3867,
0.4290

52.8661, 0.2940,
0.3020

41.7270, 0.4019,
0.4476

54.9357, 0.2815,
0.2836

40.5580, 0.4156,
0.4632

57.1369, 0.2702,
0.2667

■ 39.4771, 0.4270,
0.4749

■ 58.4844, 0.2681,
0.2654

■ 38.4768, 0.4358,
0.4823

■ 59.5931, 0.2684,
0.2682

■ 37.5467, 0.4419,
0.4853

■ 60.7193, 0.2686,
0.2710

■ 37.2287, 0.4437,
0.4859

■ 61.8631, 0.2689,
0.2738

Harmonies

Analogous

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



47.4067, 0.3503, 0.3565



47.4067, 0.3379, 0.3644



47.4067, 0.3189, 0.3624

Triad

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



47.4067, 0.3379, 0.3644



47.4067, 0.2746, 0.3141



47.4067, 0.3261, 0.3088

Complementary

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



47.4067, 0.3379, 0.3644



36.2695, 0.2865, 0.2909

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.



47.4067, 0.3055, 0.2981



47.4067, 0.3379, 0.3644



47.4067, 0.2763, 0.3006

Square

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



47.4067, 0.3379, 0.3644



47.4067, 0.2827, 0.3325



47.4067, 0.2874, 0.2951



47.4067, 0.3435, 0.3245

Rectangle

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



47.4067, 0.3379, 0.3644



47.4067, 0.3053, 0.3555



47.4067, 0.2874, 0.2951



47.4067, 0.3193, 0.3045

Sweetspot

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



47.4088, 0.3379, 0.3644



89.4780, 0.3202, 0.3397



37.3777, 0.3396, 0.3235



19.1934, 0.3213, 0.3412



95.5105, 0.3127, 0.3290



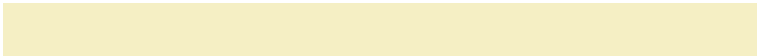
19.5994, 0.3127, 0.3290

Same Dimension

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



47.4088, 0.3379, 0.3644



84.8245, 0.3441, 0.3729



47.6890, 0.3272, 0.3706



10.9070, 0.3267, 0.3488



25.4325, 0.4434, 0.4861



1.0550, 0.4369, 0.4913

Inverse Universe

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



36.2695, 0.2865, 0.2909



60.5781, 0.2797, 0.2809



36.1057, 0.2964, 0.2865



9.4164, 0.2984, 0.3084



2.9789, 0.1530, 0.0709



0.1816, 0.1621, 0.1035

Previews

White Background



This preview shows how the Yxy color 47.4067, 0.3379, 0.3644 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 47.4067, 0.3379, 0.3644 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

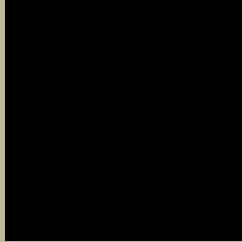
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

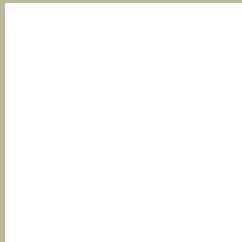
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.4067, 0.3379, 0.3644

Background



This preview shows how black text looks on a background with the Yxy color 47.4067, 0.3379, 0.3644.



This preview shows how white text looks on a background with the Yxy color 47.4067, 0.3379, 0.3644.

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

47.4067, 0.3379, 0.3644

Protanopia

47.4737, 0.3426, 0.3640

Deuteranopia

47.2555, 0.3583, 0.3501



Tritanopia

47.4279, 0.3135, 0.3115

Trichromacy



Original Color

47.4067, 0.3379, 0.3644

Protanomaly

47.3436, 0.3417, 0.3641

Deuteranomaly

47.2654, 0.3509, 0.3556

Tritanomaly

47.4194, 0.3221, 0.3303

Monochromacy



Original Color

47.4067, 0.3379, 0.3644

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

47.0744, 0.3215, 0.3421

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.4067, 0.3379, 0.3644 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, 184, 157)` looks like.

```
.text, #text, p{  
    color:rgb(188, 184, 157)  
}
```

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, 184, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 184, 157) }
```

Border

The CSS property to change the border of an element to Yxy 47.4067, 0.3379, 0.3644 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, 184, 157) }
```

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

```
.border{ border-color:rgb(188, 184, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 184, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 184, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 184, 157);  
box-shadow:4px 4px 4px 4px rgb(188, 184,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 47.4067, 0.3379, 0.3644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 184, 157) }
```

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

```
.background{ background-color: rgb(188,  
184, 157) }
```

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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