

Converting Colors

$Yxy(46.9943, 0.3432, 0.3915)$

Have a look what the booklet for
Yxy(46.9943, 0.3432, 0.3915)
contains.

Yxy(47.1374, 0.3438, 0.3922)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(47.1374, 0.3438, 0.3922)

Conversions

Conversions Part 1

Format	Color
Hex	B4BB8C
RGB	180, 187, 140
RGB Percent	71%, 73%, 55%
CMY	0.2942, 0.2666, 0.4510
CMYK	0.04, 0.00, 0.25, 0.27
HSL	69°, 26%, 64%
HSV	69°, 25%, 73%
XYZ	41.3203, 47.1374, 31.7294
YIQ	179.5490, 10.9150, -16.1010

Conversions

Conversions Part 2

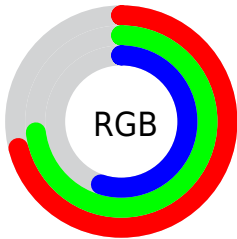
Format	Color
RYB	140, 187, 147
Decimal	11844492
CIELab	74.28, -10.35, 23.05
CIELCh	74, 25.274, 114.187
Yxy	47.1374, 0.3438, 0.3922
Android (android.graphics.Color)	4290034572 (0xFFB4BB8C)
YUV	179.5490, -19.4977, 0.3955
Hunter-Lab	68.6567, -12.7207, 20.6590

Details

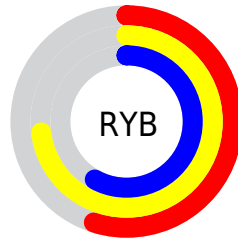
The Yxy color $47.1374, 0.3438, 0.3922$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $28.5505, 0.2766, 0.2599$, and the grayscale version is $45.4879, 0.3127, 0.3290$.

A 20% lighter version of the original color is $85.8291, 0.3383, 0.3801$, and $22.3004, 0.3516, 0.4100$ is the 20% darker color. If you saturate the color by 10%, you get $46.3009, 0.3558, 0.4180$, and if you desaturate by 10%, it is $48.0786, 0.3314, 0.3664$.

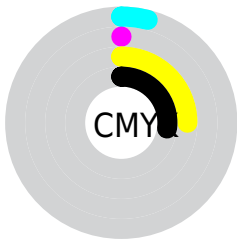
Distribution



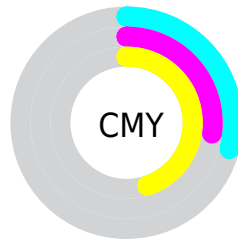
- Red (71%)
- Green (73%)
- Blue (55%)



- Red (55%)
- Yellow (73%)
- Blue (58%)



- Cyan (4%)
- Magenta (0%)
- Yellow (25%)
- Black (27%)





- Cyan (29%)
- Magenta (27%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.1374, 0.3438, 0.3922 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 47.1374, 0.3438, 0.3922 by changing the saturation by 10% instead.

 47.1374, 0.3438,
0.3922

 47.1374, 0.3438,
0.3922


375.3627, 0.3288,
0.3601


 33.1443, 0.3473,
0.4003


 85.9187, 0.3385,
0.3804

 22.2370, 0.3518,
0.4108


 111.4756, 0.3364,
0.3761

 14.0311, 0.3573,
0.4247


 141.6560, 0.3347,
0.3724

 8.1423, 0.3645,
0.4442

176.8442, 0.3332,
0.3692

 4.1862, 0.3737,
0.4728

217.4245, 0.3319,
0.3665

 1.7782, 0.4113,
0.5546

263.7815, 0.3307,

 0.4736, 0.2941,

0.3641

0.7059

316.2994, 0.3297,
0.3620

0.0000, 0.0000,
0.0000

47.1374, 0.3438,
0.3922

47.1374, 0.3438,
0.3922

46.3009, 0.3558,
0.4180

48.0786, 0.3314,
0.3664

45.5582, 0.3670,
0.4431

49.1227, 0.3190,
0.3414

44.9060, 0.3768,
0.4663

50.2760, 0.3069,
0.3176

44.3387, 0.3846,
0.4866

51.5425, 0.2954,
0.2954

43.8498, 0.3900,
0.5032

52.9257, 0.2846,
0.2749

■ 43.4320, 0.3930,
0.5154

■ 54.4293, 0.2746,
0.2562

■ 43.0761, 0.3934,
0.5232

■ 54.9894, 0.2748,
0.2539

■ 42.9162, 0.3931,
0.5261

■ 55.3778, 0.2768,
0.2543

■ 55.7734, 0.2788,
0.2547

Harmonies

Analogous

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



47.1374, 0.3712, 0.3830



47.1374, 0.3438, 0.3922



47.1374, 0.3090, 0.3824

Triad

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



47.1374, 0.3438, 0.3922



47.1374, 0.2471, 0.2920



47.1374, 0.3486, 0.3039

Complementary

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



47.1374, 0.3438, 0.3922



28.5505, 0.2766, 0.2599

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.



47.1374, 0.3133, 0.2826



47.1374, 0.3438, 0.3922



47.1374, 0.2561, 0.2749

Square

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



47.1374, 0.3438, 0.3922



47.1374, 0.2543, 0.3213



47.1374, 0.2797, 0.2720



47.1374, 0.3746, 0.3316

Rectangle

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



47.1374, 0.3438, 0.3922



47.1374, 0.2865, 0.3658



47.1374, 0.2797, 0.2720



47.1374, 0.3373, 0.2959

Sweetspot

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



47.1395, 0.3438, 0.3922



87.3848, 0.3227, 0.3488



33.0996, 0.3629, 0.3378



19.1804, 0.3245, 0.3525



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.



47.1395, 0.3438, 0.3922



83.5880, 0.3503, 0.4061



44.6320, 0.3238, 0.3964



11.0461, 0.3242, 0.3518



29.5895, 0.3934, 0.5258



1.1790, 0.4000, 0.5206

Inverse Universe

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



28.5505, 0.2766, 0.2599



44.7756, 0.2674, 0.2429



30.8644, 0.2984, 0.2641



9.2922, 0.3006, 0.3054



2.6625, 0.1568, 0.0637



0.1264, 0.1758, 0.0742

Previews

White Background



This preview shows how the Yxy color 47.1374, 0.3438, 0.3922 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 47.1374, 0.3438, 0.3922 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

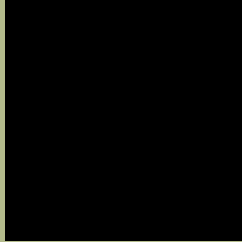
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.1374, 0.3438, 0.3922

Background



This preview shows how black text looks on a background with the Yxy color 47.1374, 0.3438, 0.3922.



This preview shows how white text looks on a background with the Yxy color 47.1374, 0.3438, 0.3922.

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

47.1374, 0.3438, 0.3922

Protanopia

46.8930, 0.3607, 0.3859

Deuteranopia

46.9091, 0.3776, 0.3694



Tritanopia

47.1024, 0.3076, 0.3113

Trichromacy



Original Color

47.1374, 0.3438, 0.3922

Protanomaly

47.0922, 0.3546, 0.3880

Deuteranomaly

46.7198, 0.3657, 0.3773

Tritanomaly

47.1133, 0.3207, 0.3408

Monochromacy



Original Color

47.1374, 0.3438, 0.3922

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

46.2869, 0.3245, 0.3530

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.1374, 0.3438, 0.3922 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(180, 187, 140)` looks like.

```
.text, #text, p{  
    color:rgb(180, 187, 140)  
}
```

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(180, 187, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 187, 140) }
```

Border

The CSS property to change the border of an element to Yxy 47.1374, 0.3438, 0.3922 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(180, 187, 140) }
```

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

```
.border{ border-color:rgb(180, 187, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 187, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 187, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 187, 140);  
box-shadow:4px 4px 4px 4px rgb(180, 187,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 47.1374, 0.3438, 0.3922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 187, 140) }
```

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

```
.background{ background-color: rgb(180,  
187, 140) }
```

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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