

Converting Colors

$Yxy(47.4948, 0.3376, 0.3760)$

Have a look what the booklet for
Yxy(47.4948, 0.3376, 0.3760)
contains.

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Color

Yxy(47.4195, 0.3379, 0.3755)

Conversions

Conversions Part 1

Format	Color
Hex	B7BA97
RGB	183, 186, 151
RGB Percent	72%, 73%, 59%
CMY	0.2824, 0.2706, 0.4077
CMYK	0.02, 0.00, 0.19, 0.27
HSL	65°, 20%, 66%
HSV	65°, 19%, 73%
XYZ	42.6712, 47.4195, 36.1929
YIQ	181.1130, 9.4470, -11.5210

Conversions

Conversions Part 2

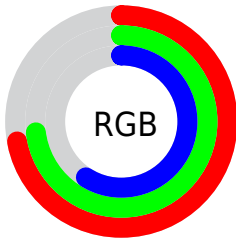
Format	Color
RYB	151, 186, 154
Decimal	12040855
CIELab	74.46, -7.05, 17.42
CIELCh	74, 18.789, 112.025
Yxy	47.4195, 0.3379, 0.3755
Android (android.graphics.Color)	4290230935 (0xFFB7BA97)
YUV	181.1130, -14.8457, 1.6549
Hunter-Lab	68.8618, -9.8980, 17.0412

Details

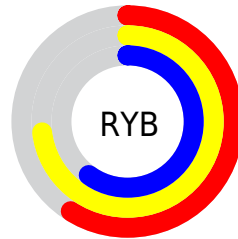
The Yxy color $47.4195, 0.3379, 0.3755$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $32.5631, 0.2848, 0.2787$, and the grayscale version is $46.3512, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.2628, 0.3336, 0.3672$, and $22.4410, 0.3449, 0.3891$ is the 20% darker color. If you saturate the color by 10%, you get $46.6676, 0.3514, 0.4009$, and if you desaturate by 10%, it is $48.2732, 0.3244, 0.3504$.

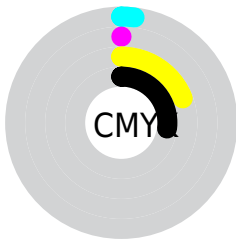
Distribution



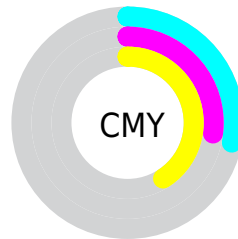
- Red (72%)
- Green (73%)
- Blue (59%)



- Red (59%)
- Yellow (73%)
- Blue (60%)



- Cyan (2%)
- Magenta (0%)
- Yellow (19%)
- Black (27%)



- Cyan (28%)
- Magenta (27%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.4195, 0.3379, 0.3755 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 47.4195, 0.3379, 0.3755 by changing the saturation by 10% instead.

■ 47.4195, 0.3379,
0.3755

■ 47.4195, 0.3379,
0.3755

376.4865, 0.3256,
0.3520

■ 33.3674, 0.3409,
0.3814

■ 86.3395, 0.3335,
0.3669

■ 22.4081, 0.3446,
0.3891

■ 111.9761, 0.3318,
0.3637

■ 14.1570, 0.3495,
0.3993

142.2431, 0.3304,
0.3610

■ 8.2300, 0.3561,
0.4136

177.5248, 0.3291,
0.3587

■ 4.2425, 0.3652,
0.4348

218.2056, 0.3281,
0.3567

■ 1.8101, 0.3844,
0.4772

264.6699, 0.3271,

■ 0.4935, 0.3757,

0.3549

0.6243

317.3021, 0.3263,
0.3534

0.0000, 0.0000,
0.0000

47.4195, 0.3379,
0.3755

47.4195, 0.3379,
0.3755

46.6676, 0.3514,
0.4009

48.2732, 0.3244,
0.3504

46.0068, 0.3643,
0.4259

49.2266, 0.3112,
0.3262

45.4343, 0.3761,
0.4494

50.2857, 0.2985,
0.3033

44.9449, 0.3864,
0.4704

51.4543, 0.2866,
0.2820

44.5326, 0.3945,
0.4882

52.7359, 0.2756,
0.2624

■ 44.1910, 0.4002,
0.5018

■ 53.6323, 0.2699,
0.2517

■ 43.9123, 0.4033,
0.5112

■ 53.8447, 0.2710,
0.2519

■ 43.6829, 0.4042,
0.5167

■ 54.0594, 0.2722,
0.2522

■ 43.6566, 0.4042,
0.5172

■ 54.2763, 0.2733,
0.2524

Harmonies

Analogous

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



47.4195, 0.3574, 0.3685



47.4195, 0.3379, 0.3755



47.4195, 0.3122, 0.3689

Triad

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



47.4195, 0.3379, 0.3755



47.4195, 0.2633, 0.3032



47.4195, 0.3377, 0.3089

Complementary

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



47.4195, 0.3379, 0.3755



32.5631, 0.2848, 0.2787

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.



47.4195, 0.3115, 0.2931



47.4195, 0.3379, 0.3755



47.4195, 0.2694, 0.2891

Square

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



47.4195, 0.3379, 0.3755



47.4195, 0.2698, 0.3255



47.4195, 0.2866, 0.2858



47.4195, 0.3575, 0.3299

Rectangle

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



47.4195, 0.3379, 0.3755



47.4195, 0.2951, 0.3575



47.4195, 0.2866, 0.2858



47.4195, 0.3293, 0.3028

Sweetspot

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



47.4216, 0.3379, 0.3755



87.9380, 0.3208, 0.3437



35.7676, 0.3482, 0.3331



19.3412, 0.3216, 0.3453



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.



47.4216, 0.3379, 0.3755



85.2988, 0.3441, 0.3871



45.4210, 0.3227, 0.3778



10.4628, 0.3251, 0.3517



29.3840, 0.4044, 0.5171



1.0475, 0.4085, 0.5138

Inverse Universe

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



32.5631, 0.2848, 0.2787



52.8912, 0.2770, 0.2649



34.3941, 0.3009, 0.2811



8.7557, 0.2997, 0.3055



2.4743, 0.1533, 0.0618



0.0998, 0.1661, 0.0689

Previews

White Background



This preview shows how the Yxy color 47.4195, 0.3379, 0.3755 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 47.4195, 0.3379, 0.3755 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

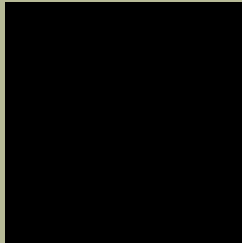
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

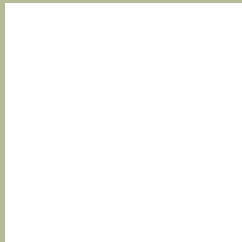
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.4195, 0.3379, 0.3755

Background



This preview shows how black text looks on a background with the Yxy color 47.4195, 0.3379, 0.3755.



This preview shows how white text looks on a background with the Yxy color 47.4195, 0.3379, 0.3755.

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

47.4195, 0.3379, 0.3755

Protanopia

47.5062, 0.3502, 0.3730

Deuteranopia

47.1995, 0.3646, 0.3574



Tritanopia

47.3564, 0.3093, 0.3113

Trichromacy



Original Color

47.4195, 0.3379, 0.3755

Protanomaly

47.4301, 0.3455, 0.3734

Deuteranomaly

47.3270, 0.3549, 0.3646

Tritanomaly

47.2350, 0.3202, 0.3342

Monochromacy



Original Color

47.4195, 0.3379, 0.3755

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

46.7143, 0.3222, 0.3462

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.4195, 0.3379, 0.3755 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(183, 186, 151)` looks like.

```
.text, #text, p{  
    color:rgb(183, 186, 151)  
}
```

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(183, 186, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 186, 151) }
```

Border

The CSS property to change the border of an element to Yxy 47.4195, 0.3379, 0.3755 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(183, 186, 151) }
```

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

```
.border{ border-color:rgb(183, 186, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 186, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 186, 151); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 186, 151); box-shadow:4px 4px 4px 4px rgb(183, 186, 151) }
```


Background

The CSS property to change the background color of an element to Yxy 47.4195, 0.3379, 0.3755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 186, 151) }
```

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

```
.background{ background-color: rgb(183,  
186, 151) }
```

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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