

Converting Colors

$Yxy(47.9626, 0.3276, 0.3419)$

Have a look what the booklet for
Yxy(47.9626, 0.3276, 0.3419)
contains.

Yxy(47.9605, 0.3276, 0.3419)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(47.9605, 0.3276, 0.3419)

Conversions

Conversions Part 1

Format	Color
Hex	BFB7AD
RGB	191, 183, 173
RGB Percent	75%, 72%, 68%
CMY	0.2511, 0.2823, 0.3216
CMYK	0.00, 0.04, 0.09, 0.25
HSL	33°, 12%, 71%
HSV	33°, 9%, 75%
XYZ	45.9545, 47.9605, 46.3613
YIQ	184.2520, 7.9780, -1.4140

Conversions

Conversions Part 2

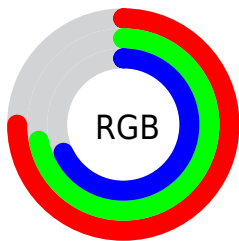
Format	Color
RYB	187, 191, 173
Decimal	12564397
CIELab	74.80, 1.05, 6.09
CIELCh	75, 6.180, 80.173
Yxy	47.9605, 0.3276, 0.3419
Android (android.graphics.Color)	4290754477 (0xFFBFB7AD)
YUV	184.2520, -5.5472, 5.9180
Hunter-Lab	69.2535, -2.7464, 8.7861

Details

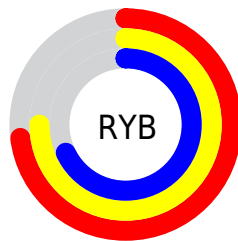
The Yxy color $47.9605, 0.3276, 0.3419$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $45.6634, 0.2983, 0.3158$, and the grayscale version is $48.1056, 0.3127, 0.3290$.

A 20% lighter version of the original color is $87.1086, 0.3249, 0.3401$, and $22.7490, 0.3321, 0.3447$ is the 20% darker color. If you saturate the color by 10%, you get $43.8961, 0.3454, 0.3563$, and if you desaturate by 10%, it is $52.3437, 0.3119, 0.3282$.

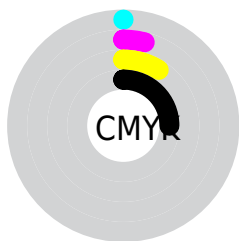
Distribution



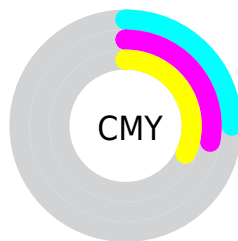
- Red (75%)
- Green (72%)
- Blue (68%)



- Red (73%)
- Yellow (75%)
- Blue (68%)



- Cyan (0%)
- Magenta (4%)
- Yellow (9%)
- Black (25%)



- Cyan (25%)
- Magenta (28%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.9605, 0.3276, 0.3419 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 47.9605, 0.3276, 0.3419 by changing the saturation by 10% instead.

■ 47.9605, 0.3276,
0.3419

■ 47.9605, 0.3276,
0.3419

378.6355, 0.3202,
0.3355

■ 33.7956, 0.3294,
0.3435

■ 87.1456, 0.3249,
0.3396

■ 22.7366, 0.3318,
0.3455

112.9346, 0.3239,
0.3387

■ 14.3992, 0.3350,
0.3482

143.3671, 0.3230,
0.3380

■ 8.3988, 0.3394,
0.3519

178.8274, 0.3223,
0.3373

■ 4.3512, 0.3459,
0.3575

219.7000, 0.3217,
0.3368

■ 1.8719, 0.3567,
0.3664

266.3693, 0.3211,

■ 0.5314, 0.4369,

0.3363

0.4373

319.2197, 0.3206,
0.3359

0.0000, 0.0000,
0.0000

47.9605, 0.3276,
0.3419

47.9605, 0.3276,
0.3419

43.8961, 0.3454,
0.3563

52.3437, 0.3119,
0.3282

40.1360, 0.3652,
0.3711

57.0472, 0.2980,
0.3154

36.6740, 0.3871,
0.3859

62.0804, 0.2858,
0.3036

33.5010, 0.4107,
0.3999

67.4506, 0.2751,
0.2927

30.6074, 0.4354,
0.4122

72.2664, 0.2728,
0.2964

■ 27.9828, 0.4602,
0.4215

■ 76.9508, 0.2736,
0.3058

■ 25.6160, 0.4839,
0.4268

■ 81.8641, 0.2745,
0.3151

■ 23.4941, 0.5050,
0.4270

■ 87.0095, 0.2753,
0.3242

■ 21.5974, 0.5230,
0.4224

■ 89.8121, 0.2757,
0.3289

Harmonies

Analogous

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



47.9605, 0.3296, 0.3364



47.9605, 0.3276, 0.3419



47.9605, 0.3216, 0.3440

Triad

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



47.9605, 0.3276, 0.3419



47.9605, 0.2987, 0.3287



47.9605, 0.3120, 0.3166

Complementary

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



47.9605, 0.3276, 0.3419



45.6634, 0.2983, 0.3158

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.



47.9605, 0.3038, 0.3144



47.9605, 0.3276, 0.3419



47.9605, 0.2962, 0.3213

Square

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



47.9605, 0.3276, 0.3419



47.9605, 0.3049, 0.3363



47.9605, 0.2980, 0.3161



47.9605, 0.3205, 0.3219

Rectangle

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



47.9605, 0.3276, 0.3419



47.9605, 0.3162, 0.3431



47.9605, 0.2980, 0.3161



47.9605, 0.3091, 0.3154

Sweetspot

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



47.9626, 0.3276, 0.3419



90.8681, 0.3173, 0.3331



44.2923, 0.3220, 0.3186



19.8127, 0.3186, 0.3342



97.7402, 0.3127, 0.3290



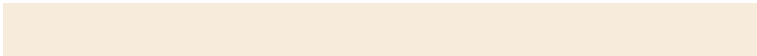
20.4902, 0.3127, 0.3290

Same Dimension

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



47.9626, 0.3276, 0.3419



84.6136, 0.3306, 0.3444



51.2198, 0.3258, 0.3519



10.3953, 0.3275, 0.3418



14.2926, 0.5223, 0.4235



0.6883, 0.4913, 0.4481

Inverse Universe

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



45.6634, 0.2983, 0.3158



79.7837, 0.2955, 0.3131



42.6262, 0.2990, 0.3051



9.9009, 0.2984, 0.3159



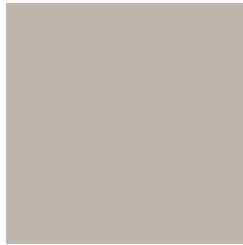
6.8391, 0.1725, 0.1411



0.3984, 0.1856, 0.1882

Previews

White Background



This preview shows how the Yxy color 47.9605, 0.3276, 0.3419 looks on a white background.

Color Contrast Check

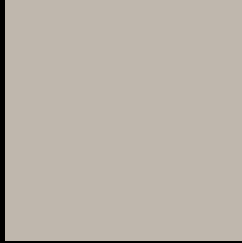
Large Text (above 18pt) WCAG AA × Fail

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 47.9605, 0.3276, 0.3419 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

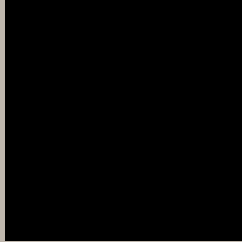
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

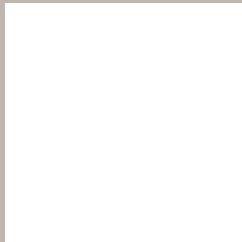
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.9605, 0.3276, 0.3419

Background



This preview shows how black text looks on a background with the Yxy color 47.9605, 0.3276, 0.3419.

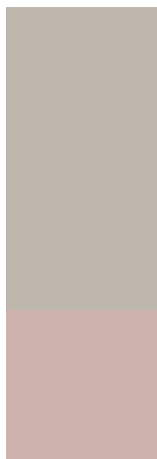


This preview shows how white text looks on a background with the Yxy color 47.9605, 0.3276, 0.3419.

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

47.9605, 0.3276, 0.3419

Protanopia

47.8313, 0.3267, 0.3419

Deuteranopia

48.0186, 0.3409, 0.3340



Tritanopia

48.0069, 0.3135, 0.3116

Trichromacy



Original Color

47.9605, 0.3276, 0.3419

Protanomaly

47.8313, 0.3267, 0.3419

Deuteranomaly

48.1160, 0.3361, 0.3366

Tritanomaly

47.9304, 0.3190, 0.3227

Monochromacy



Original Color

47.9605, 0.3276, 0.3419

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

48.1411, 0.3184, 0.3342

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.9605, 0.3276, 0.3419 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(191, 183, 173)` looks like.

```
.text, #text, p{  
    color:rgb(191, 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(191, 183, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 183, 173) }
```

Border

The CSS property to change the border of an element to Yxy 47.9605, 0.3276, 0.3419 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(191, 183, 173) }
```

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

```
.border{ border-color:rgb(191, 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(191, 183, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 183, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 183, 173);  
box-shadow:4px 4px 4px 4px rgb(191, 183,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 47.9605, 0.3276, 0.3419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 183, 173) }
```

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

```
.background{ background-color: rgb(191,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor