

Converting Colors

$Yxy(42.7949, 0.3374, 0.3491)$

Have a look what the booklet for
Yxy(42.7949, 0.3374, 0.3491)
contains.

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Color

Yxy(42.7949, 0.3374, 0.3491)

Conversions

Conversions Part 1

Format	Color
Hex	BAAD9E
RGB	186, 173, 158
RGB Percent	73%, 68%, 62%
CMY	0.2707, 0.3215, 0.3804
CMYK	0.00, 0.07, 0.15, 0.27
HSL	32°, 17%, 67%
HSV	32°, 15%, 73%
XYZ	41.3606, 42.7949, 38.4308
YIQ	175.1770, 12.5630, -1.9090

Conversions

Conversions Part 2

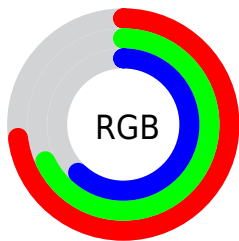
Format	Color
R_{YB}	182, 186, 158
Decimal	12234142
CIE Lab	71.42, 2.10, 9.37
CIE LCh	71, 9.608, 77.348
Yxy	42.7949, 0.3374, 0.3491
Android (android.graphics.Color)	4290424222 (0xFFBAAD9E)
YUV	175.1770, -8.4683, 9.4918
Hunter-Lab	65.4178, -1.6239, 10.9615

Details

The Yxy color $42.7949, 0.3374, 0.3491$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $39.9284, 0.2895, 0.3080$, and the grayscale version is $43.0056, 0.3127, 0.3290$.

A 20% lighter version of the original color is $79.1681, 0.3324, 0.3446$, and $19.7228, 0.3447, 0.3548$ is the 20% darker color. If you saturate the color by 10%, you get $39.0038, 0.3565, 0.3632$, and if you desaturate by 10%, it is $46.9000, 0.3205, 0.3355$.

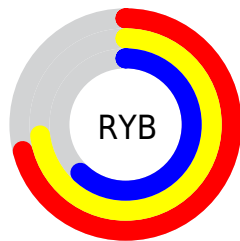
Distribution



Red (73%)

Green (68%)

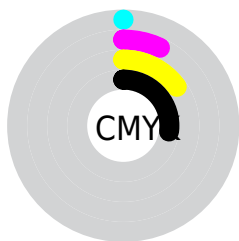
Blue (62%)



Red (71%)

Yellow (73%)

Blue (62%)

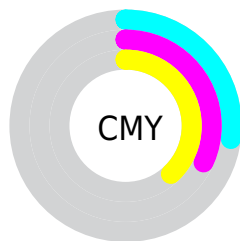


Cyan (0%)

Magenta (7%)

Yellow (15%)

Black (27%)



Cyan (27%)

Magenta (32%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.7949, 0.3374, 0.3491 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 42.7949, 0.3374, 0.3491 by changing the saturation by 10% instead.

■ 42.7949, 0.3374,
0.3491

■ 42.7949, 0.3374,
0.3491

357.7676, 0.3249,
0.3390

■ 29.7242, 0.3406,
0.3517

■ 79.4013, 0.3328,
0.3454

■ 19.6294, 0.3448,
0.3549

■ 103.7057, 0.3311,
0.3440

■ 12.1259, 0.3503,
0.3594

132.5236, 0.3296,
0.3428

■ 6.8295, 0.3583,
0.3655

166.2393, 0.3284,
0.3418

■ 3.3557, 0.3704,
0.3748

205.2371, 0.3273,
0.3410

■ 1.3201, 0.3933,
0.3925

249.9015, 0.3264,

■ 0.1567, 0.5611,

0.3402

0.4389

300.6169, 0.3256,
0.3396

0.0000, 0.0000,
0.0000

42.7949, 0.3374,
0.3491

42.7949, 0.3374,
0.3491

39.0038, 0.3565,
0.3632

46.9000, 0.3205,
0.3355

35.5128, 0.3778,
0.3776

51.3213, 0.3056,
0.3228

32.3148, 0.4011,
0.3915

56.0685, 0.2925,
0.3109

29.4007, 0.4261,
0.4042

61.1487, 0.2811,
0.2999

26.7604, 0.4518,
0.4145

66.5691, 0.2710,
0.2899

■ 24.3831, 0.4772,
0.4213

■ 71.3607, 0.2698,
0.2955

■ 22.2569, 0.5006,
0.4233

■ 76.1321, 0.2708,
0.3053

■ 20.3680, 0.5208,
0.4201

■ 81.1421, 0.2717,
0.3148

■ 19.5079, 0.5301,
0.4173

■ 86.3939, 0.2726,
0.3242

Harmonies

Analogous

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



42.7949, 0.3400, 0.3398



42.7949, 0.3374, 0.3491



42.7949, 0.3282, 0.3532

Triad

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



42.7949, 0.3374, 0.3491



42.7949, 0.2909, 0.3295



42.7949, 0.3101, 0.3085

Complementary

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



42.7949, 0.3374, 0.3491



39.9284, 0.2895, 0.3080

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.



42.7949, 0.2971, 0.3056



42.7949, 0.3374, 0.3491



42.7949, 0.2862, 0.3173

Square

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



42.7949, 0.3374, 0.3491



42.7949, 0.3013, 0.3419



42.7949, 0.2885, 0.3087



42.7949, 0.3240, 0.3166

Rectangle

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



42.7949, 0.3374, 0.3491



42.7949, 0.3195, 0.3523



42.7949, 0.2885, 0.3087



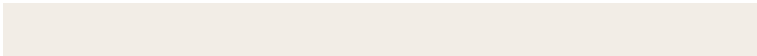
42.7949, 0.3055, 0.3069

Sweetspot

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



42.7968, 0.3374, 0.3491



85.0003, 0.3205, 0.3356



37.8348, 0.3280, 0.3116



18.5987, 0.3217, 0.3365



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.



42.7968, 0.3374, 0.3491



75.2923, 0.3434, 0.3537



47.8958, 0.3341, 0.3658



9.7887, 0.3275, 0.3413



13.2795, 0.5283, 0.4188



0.5906, 0.4930, 0.4467

Inverse Universe

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



39.9284, 0.2895, 0.3080



69.1069, 0.2842, 0.3030



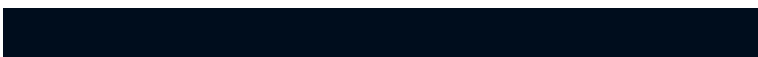
35.3651, 0.2896, 0.2895



9.3871, 0.2985, 0.3164



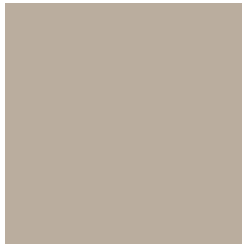
7.0321, 0.1745, 0.1481



0.3719, 0.1883, 0.1977

Previews

White Background



This preview shows how the Yxy color 42.7949, 0.3374, 0.3491 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 42.7949, 0.3374, 0.3491 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

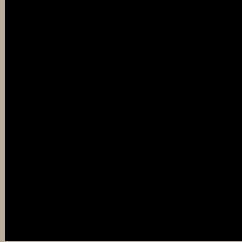
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.7949, 0.3374, 0.3491

Background



This preview shows how black text looks on a background with the Yxy color 42.7949, 0.3374, 0.3491.

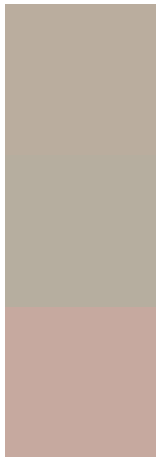


This preview shows how white text looks on a background with the Yxy color 42.7949, 0.3374, 0.3491.

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

42.7949, 0.3374, 0.3491

Protanopia

42.7204, 0.3326, 0.3493

Deuteranopia

42.8849, 0.3488, 0.3420



Tritanopia

42.6136, 0.3190, 0.3109

Trichromacy



Original Color

42.7949, 0.3374, 0.3491

Protanomaly

42.8426, 0.3336, 0.3492

Deuteranomaly

42.7220, 0.3447, 0.3435

Tritanomaly

42.4968, 0.3258, 0.3238

Monochromacy



Original Color

42.7949, 0.3374, 0.3491

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.7204, 0.3214, 0.3358

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.7949, 0.3374, 0.3491 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(186, 173, 158)` looks like.

```
.text, #text, p{  
    color:rgb(186, 173, 158)  
}
```

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(186, 173, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 173, 158) }
```

Border

The CSS property to change the border of an element to Yxy 42.7949, 0.3374, 0.3491 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(186, 173, 158) }
```

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

```
.border{ border-color:rgb(186, 173, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 173, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 173, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 173, 158);  
box-shadow:4px 4px 4px 4px rgb(186, 173,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 42.7949, 0.3374, 0.3491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 173, 158) }
```

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

```
.background{ background-color: rgb(186,  
173, 158) }
```

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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