

Converting Colors

Yxy(43.7166, 0.3292, 0.3409)

Have a look what the booklet for
Yxy(43.7166, 0.3292, 0.3409)
contains.

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Color

Yxy(43.7274, 0.3292, 0.3410)

Conversions

Conversions Part 1

Format	Color
Hex	B9AFA6
RGB	185, 175, 166
RGB Percent	73%, 69%, 65%
CMY	0.2746, 0.3137, 0.3490
CMYK	0.00, 0.05, 0.10, 0.27
HSL	29°, 12%, 69%
HSV	29°, 10%, 73%
XYZ	42.2143, 43.7274, 42.2912
YIQ	176.9640, 8.8490, -0.6790

Conversions

Conversions Part 2

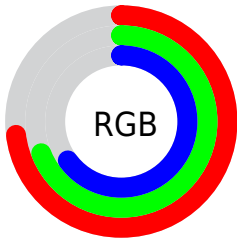
Format	Color
RYB	185, 183, 166
Decimal	12169126
CIELab	72.05, 1.98, 5.88
CIELCh	72, 6.203, 71.421
Yxy	43.7274, 0.3292, 0.3410
Android (android.graphics.Color)	4290359206 (0xFFB9AFA6)
YUV	176.9640, -5.4053, 7.0476
Hunter-Lab	66.1267, -1.7701, 8.3699

Details

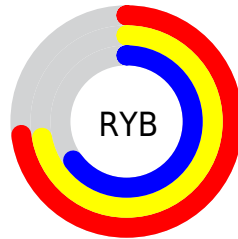
The Yxy color **43.7274, 0.3292, 0.3410** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.6399, 0.2971, 0.3167**, and the grayscale version is **43.9708, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.5149, 0.3262, 0.3383**, and **20.2864, 0.3344, 0.3455** is the 20% darker color. If you saturate the color by 10%, you get **39.4552, 0.3477, 0.3534**, and if you desaturate by 10%, it is **48.3726, 0.3131, 0.3293**.

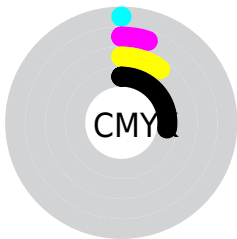
Distribution



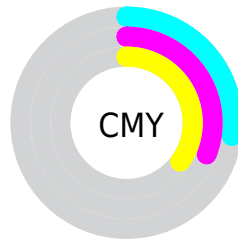
- Red (73%)
- Green (69%)
- Blue (65%)



- Red (73%)
- Yellow (72%)
- Blue (65%)



- Cyan (0%)
- Magenta (5%)
- Yellow (10%)
- Black (27%)



- Cyan (27%)
- Magenta (31%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.7274, 0.3292, 0.3410 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 43.7274, 0.3292, 0.3410 by changing the saturation by 10% instead.


 43.7274, 0.3292,
0.3410


 43.7274, 0.3292,
0.3410

361.5947, 0.3209,
0.3350

 30.4563, 0.3313,
0.3425


 80.8074, 0.3261,
0.3388

 20.1852, 0.3341,
0.3445


 105.3850, 0.3250,
0.3380

 12.5297, 0.3378,
0.3471


134.5003, 0.3240,
0.3373

 7.1055, 0.3430,
0.3508

168.5376, 0.3232,
0.3367

 3.5282, 0.3510,
0.3563

207.8812, 0.3225,
0.3362

 1.4133, 0.3647,
0.3655

252.9157, 0.3219,

 0.2265, 0.5378,

0.3357

0.4622

304.0254, 0.3213,
0.3353

0.0000, 0.0000,
0.0000

43.7274, 0.3292,
0.3410

43.7274, 0.3292,
0.3410

39.4552, 0.3477,
0.3534

48.3726, 0.3131,
0.3293

35.5404, 0.3686,
0.3661

53.3944, 0.2991,
0.3184

31.9747, 0.3922,
0.3788

58.8038, 0.2870,
0.3083

28.7471, 0.4182,
0.3908

64.6095, 0.2764,
0.2990

25.8462, 0.4459,
0.4010

70.5934, 0.2691,
0.2941

■ 23.2596, 0.4744,
0.4083

■ 75.9453, 0.2702,
0.3051

■ 20.9737, 0.5020,
0.4114

■ 81.5995, 0.2713,
0.3159

■ 18.9736, 0.5269,
0.4094

■ 87.5608, 0.2723,
0.3264

■ 17.2767, 0.5479,
0.4031

■ 89.0501, 0.2726,
0.3289

Harmonies

Analogous

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



43.7274, 0.3299, 0.3346



43.7274, 0.3292, 0.3410



43.7274, 0.3241, 0.3443

Triad

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



43.7274, 0.3292, 0.3410



43.7274, 0.2997, 0.3310



43.7274, 0.3093, 0.3151

Complementary

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



43.7274, 0.3292, 0.3410



42.6399, 0.2971, 0.3167

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.



43.7274, 0.3014, 0.3140



43.7274, 0.3292, 0.3410



43.7274, 0.2959, 0.3231

Square

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



43.7274, 0.3292, 0.3410



43.7274, 0.3071, 0.3385



43.7274, 0.2965, 0.3169



43.7274, 0.3183, 0.3198

Rectangle

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



43.7274, 0.3292, 0.3410



43.7274, 0.3189, 0.3442



43.7274, 0.2965, 0.3169



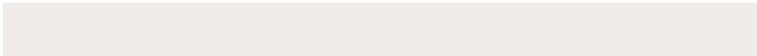
43.7274, 0.3064, 0.3143

Sweetspot

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



43.7293, 0.3292, 0.3410



84.2769, 0.3174, 0.3325



40.7218, 0.3215, 0.3156



18.0222, 0.3186, 0.3334



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



43.7293, 0.3292, 0.3410



76.8118, 0.3326, 0.3434



47.4833, 0.3278, 0.3531



9.6974, 0.3276, 0.3399



11.9125, 0.5459, 0.4047



0.5440, 0.5051, 0.4372

Inverse Universe

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



42.6399, 0.2971, 0.3167



74.5205, 0.2940, 0.3142



39.1113, 0.2969, 0.3038



9.4782, 0.2985, 0.3179



8.3612, 0.1801, 0.1682



0.4178, 0.1926, 0.2134

Previews

White Background



This preview shows how the Yxy color 43.7274, 0.3292, 0.3410 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 43.7274, 0.3292, 0.3410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

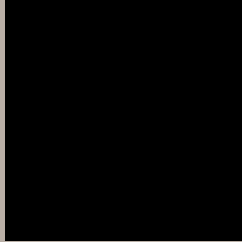
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

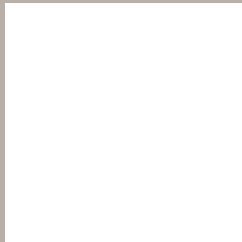
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.7274, 0.3292, 0.3410

Background



This preview shows how black text looks on a background with the Yxy color 43.7274, 0.3292, 0.3410.

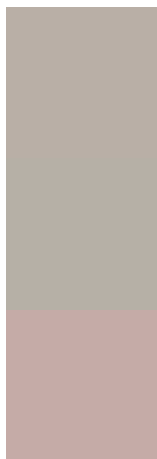


This preview shows how white text looks on a background with the Yxy color 43.7274, 0.3292, 0.3410.

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

43.7274, 0.3292, 0.3410

Protanopia

43.7489, 0.3264, 0.3424

Deuteranopia

43.7862, 0.3402, 0.3342



Tritanopia

43.7416, 0.3153, 0.3110

Trichromacy



Original Color

43.7274, 0.3292, 0.3410

Protanomaly

43.8711, 0.3273, 0.3424

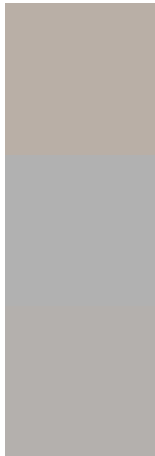
Deuteranomaly

43.6325, 0.3362, 0.3356

Tritanomaly

43.7066, 0.3202, 0.3212

Monochromacy



Original Color

43.7274, 0.3292, 0.3410

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.7711, 0.3187, 0.3330

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.7274, 0.3292, 0.3410 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(185, 175, 166)` looks like.

```
.text, #text, p{  
    color:rgb(185, 175, 166)  
}
```

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(185, 175, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 175, 166) }
```

Border

The CSS property to change the border of an element to Yxy 43.7274, 0.3292, 0.3410 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(185, 175, 166) }
```

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

```
.border{ border-color:rgb(185, 175, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 175, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 175, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 175, 166);  
box-shadow:4px 4px 4px 4px rgb(185, 175,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 43.7274, 0.3292, 0.3410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 175, 166) }
```

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

```
.background{ background-color: rgb(185,  
175, 166) }
```

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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