

Converting Colors

Yxy(43.6865, 0.3306, 0.3408)

Have a look what the booklet for
Yxy(43.6865, 0.3306, 0.3408)
contains.

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Color

Yxy(43.8522, 0.3301, 0.3410)

Conversions

Conversions Part 1

Format	Color
Hex	BAAFA6
RGB	186, 175, 166
RGB Percent	73%, 69%, 65%
CMY	0.2708, 0.3136, 0.3491
CMYK	0.00, 0.06, 0.11, 0.27
HSL	27°, 13%, 69%
HSV	27°, 11%, 73%
XYZ	42.4505, 43.8522, 42.2962
YIQ	177.2630, 9.4450, -0.4670

Conversions

Conversions Part 2

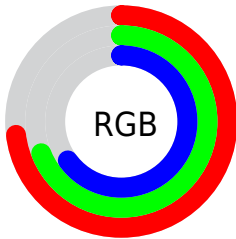
Format	Color
RYB	186, 182, 166
Decimal	12234662
CIELab	72.13, 2.33, 6.02
CIELCh	72, 6.452, 68.870
Yxy	43.8522, 0.3301, 0.3410
Android (android.graphics.Color)	4290424742 (0xFFBAAFA6)
YUV	177.2630, -5.5527, 7.6623
Hunter-Lab	66.2210, -1.4606, 8.4855

Details

The Yxy color $43.8522, 0.3301, 0.3410$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $43.0531, 0.2963, 0.3167$, and the grayscale version is $44.1347, 0.3127, 0.3290$.

A 20% lighter version of the original color is $80.6913, 0.3269, 0.3383$, and $20.3674, 0.3357, 0.3454$ is the 20% darker color. If you saturate the color by 10%, you get $39.4085, 0.3488, 0.3528$, and if you desaturate by 10%, it is $48.6967, 0.3138, 0.3298$.

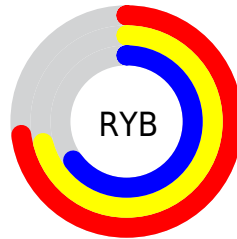
Distribution



Red (73%)

Green (69%)

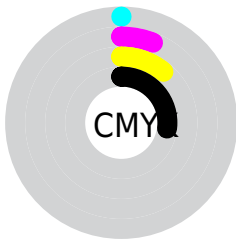
Blue (65%)



Red (73%)

Yellow (71%)

Blue (65%)

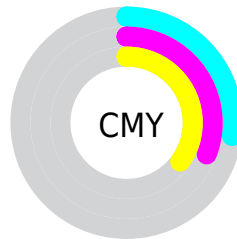


Cyan (0%)

Magenta (6%)

Yellow (11%)

Black (27%)



Cyan (27%)


Magenta (31%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.8522, 0.3301, 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 43.8522, 0.3301, 0.3410 by changing the saturation by 10% instead.


 43.8522, 0.3301,
0.3410


 43.8522, 0.3301,
0.3410


362.1048, 0.3213,
0.3350

 30.5543, 0.3323,
0.3425


 80.9953, 0.3269,
0.3388

 20.2597, 0.3352,
0.3445


 105.6093, 0.3257,
0.3380

 12.5840, 0.3391,
0.3471


134.7642, 0.3247,
0.3373

 7.1427, 0.3447,
0.3507

168.8442, 0.3238,
0.3367

 3.5515, 0.3531,
0.3562

208.2340, 0.3230,
0.3362

 1.4260, 0.3675,
0.3652

253.3177, 0.3224,

 0.2358, 0.5436,

0.3357

0.4564

304.4798, 0.3218,
0.3353

0.0000, 0.0000,
0.0000

43.8522, 0.3301,
0.3410

43.8522, 0.3301,
0.3410

39.4085, 0.3488,
0.3528

48.6967, 0.3138,
0.3298

35.3490, 0.3703,
0.3650

53.9464, 0.2997,
0.3193

31.6644, 0.3944,
0.3772

59.6132, 0.2875,
0.3097

28.3427, 0.4211,
0.3885

65.7065, 0.2770,
0.3008

25.3715, 0.4498,
0.3981

71.9781, 0.2699,
0.2968

■ 22.7370, 0.4793,
0.4047

■ 77.6706, 0.2710,
0.3083

■ 20.4247, 0.5080,
0.4072

■ 83.6966, 0.2722,
0.3194

■ 18.4181, 0.5338,
0.4044

■ 89.1715, 0.2731,
0.3289

■ 16.8086, 0.5545,
0.3979

Harmonies

Analogous

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



43.8522, 0.3304, 0.3341



43.8522, 0.3301, 0.3410



43.8522, 0.3251, 0.3448

Triad

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



43.8522, 0.3301, 0.3410



43.8522, 0.2998, 0.3318



43.8522, 0.3084, 0.3143

Complementary

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



43.8522, 0.3301, 0.3410



43.0531, 0.2963, 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.



43.8522, 0.3003, 0.3135



43.8522, 0.3301, 0.3410



43.8522, 0.2954, 0.3235

Square

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



43.8522, 0.3301, 0.3410



43.8522, 0.3076, 0.3395



43.8522, 0.2956, 0.3168



43.8522, 0.3177, 0.3189

Rectangle

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



43.8522, 0.3301, 0.3410



43.8522, 0.3198, 0.3449



43.8522, 0.2956, 0.3168



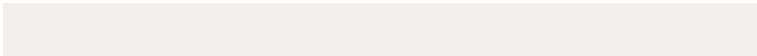
43.8522, 0.3054, 0.3136

Sweetspot

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



43.8541, 0.3301, 0.3410



86.2279, 0.3174, 0.3323



40.8718, 0.3217, 0.3146



18.8292, 0.3187, 0.3332



95.5105, 0.3127, 0.3290



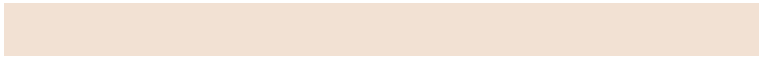
19.5994, 0.3127, 0.3290

Same Dimension

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



43.8541, 0.3301, 0.3410



77.4760, 0.3345, 0.3439



47.8579, 0.3286, 0.3538



9.6643, 0.3277, 0.3394



11.4621, 0.5524, 0.3996



0.5280, 0.5095, 0.4336

Inverse Universe

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



43.0531, 0.2963, 0.3167



75.7165, 0.2924, 0.3136



39.2797, 0.2961, 0.3030



9.5117, 0.2985, 0.3184



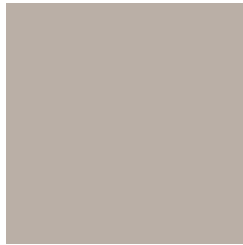
8.8951, 0.1822, 0.1758



0.4355, 0.1942, 0.2192

Previews

White Background



This preview shows how the Yxy color 43.8522, 0.3301, 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 43.8522, 0.3301, 0.3410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

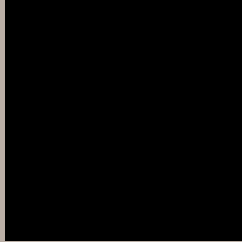
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.8522, 0.3301, 0.3410

Background



This preview shows how black text looks on a background with the Yxy color 43.8522, 0.3301, 0.3410.



This preview shows how white text looks on a background with the Yxy color 43.8522, 0.3301, 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

43.8522, 0.3301, 0.3410

Protanopia

43.7858, 0.3255, 0.3410

Deuteranopia

43.9216, 0.3411, 0.3342



Tritanopia

43.8690, 0.3162, 0.3110

Trichromacy



Original Color

43.8522, 0.3301, 0.3410

Protanomaly

43.9080, 0.3264, 0.3410

Deuteranomaly

43.7644, 0.3372, 0.3355

Tritanomaly

43.8332, 0.3211, 0.3212

Monochromacy



Original Color

43.8522, 0.3301, 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 43.8522, 0.3301, 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(186, 175, 166)` looks like.

```
.text, #text, p{  
    color:rgb(186, 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(186, 175, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 175, 166) }
```

Border

The CSS property to change the border of an element to Yxy 43.8522, 0.3301, 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(186, 175, 166) }
```

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

```
.border{ border-color:rgb(186, 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(186, 175, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 175, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 175, 166);  
box-shadow:4px 4px 4px 4px rgb(186, 175,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 43.8522, 0.3301, 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(186, 175, 166) }
```

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

```
.background{ background-color: rgb(186,  
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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