

Converting Colors

$Yxy(44.7733, 0.3346, 0.3416)$

Have a look what the booklet for
Yxy(44.7733, 0.3346, 0.3416)
contains.

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Color

Yxy(44.8802, 0.3346, 0.3421)

Conversions

Conversions Part 1

Format	Color
Hex	BFB0A6
RGB	191, 176, 166
RGB Percent	75%, 69%, 65%
CMY	0.2509, 0.3098, 0.3491
CMYK	0.00, 0.08, 0.13, 0.25
HSL	24°, 16%, 70%
HSV	24°, 13%, 75%
XYZ	43.8963, 44.8802, 42.4138
YIQ	179.3450, 12.1500, 0.0700

Conversions

Conversions Part 2

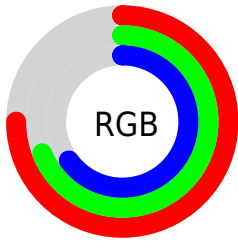
Format	Color
RYB	191, 183, 166
Decimal	12562598
CIELab	72.81, 3.67, 7.06
CIELCh	73, 7.958, 62.530
Yxy	44.8802, 0.3346, 0.3421
Android (android.graphics.Color)	4290752678 (0xFFBFB0A6)
YUV	179.3450, -6.5791, 10.2214
Hunter-Lab	66.9927, -0.2769, 9.3577

Details

The Yxy color **44.8802, 0.3346, 0.3421** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.9143, 0.2926, 0.3155**, and the grayscale version is **45.3054, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.7078, 0.3302, 0.3402**, and **20.9486, 0.3405, 0.3469** is the 20% darker color. If you saturate the color by 10%, you get **39.9274, 0.3544, 0.3527**, and if you desaturate by 10%, it is **50.3204, 0.3175, 0.3320**.

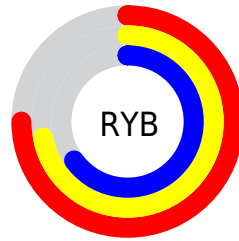
Distribution



Red (75%)

Green (69%)

Blue (65%)



Red (75%)

Yellow (72%)

Blue (65%)

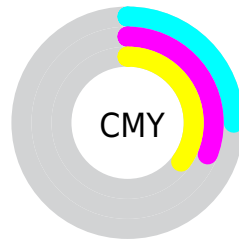


Cyan (0%)

Magenta (8%)

Yellow (13%)

Black (25%)



Cyan (25%)


Magenta (31%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.8802, 0.3346, 0.3421 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 44.8802, 0.3346, 0.3421 by changing the saturation by 10% instead.


 44.8802, 0.3346,
0.3421

 44.8802, 0.3346,
0.3421


366.2882, 0.3235,
0.3356

 31.3631, 0.3374,
0.3437


 82.5406, 0.3306,
0.3397

 20.8755, 0.3410,
0.3458


 107.4527, 0.3290,
0.3389

 13.0330, 0.3459,
0.3485


136.9319, 0.3278,
0.3381

 7.4513, 0.3527,
0.3523

171.3625, 0.3267,
0.3375

 3.7459, 0.3631,
0.3580

211.1291, 0.3257,
0.3369

 1.5325, 0.3807,
0.3670

256.6160, 0.3249,

 0.3114, 0.5532,

0.3364

0.4468

308.2075, 0.3242,
0.3360

0.0000, 0.0000,
0.0000

44.8802, 0.3346,
0.3421

44.8802, 0.3346,
0.3421

39.9274, 0.3544,
0.3527

50.3204, 0.3175,
0.3320

35.4421, 0.3773,
0.3636

56.2552, 0.3029,
0.3226

31.4116, 0.4034,
0.3743

62.6995, 0.2903,
0.3139

27.8206, 0.4324,
0.3840

69.6653, 0.2795,
0.3059

24.6527, 0.4637,
0.3918

76.7397, 0.2736,
0.3054

■ 21.8902, 0.4958,
0.3964

■ 83.4496, 0.2748,
0.3179

■ 19.5138, 0.5266,
0.3965

■ 89.8192, 0.2757,
0.3289

■ 17.5023, 0.5537,
0.3913

■ 16.3100, 0.5700,
0.3856

Harmonies

Analogous

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



44.8802, 0.3336, 0.3332



44.8802, 0.3346, 0.3421



44.8802, 0.3296, 0.3477

Triad

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



44.8802, 0.3346, 0.3421



44.8802, 0.2986, 0.3346



44.8802, 0.3051, 0.3105

Complementary

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



44.8802, 0.3346, 0.3421



44.9143, 0.2926, 0.3155

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.



44.8802, 0.2959, 0.3105



44.8802, 0.3346, 0.3421



44.8802, 0.2923, 0.3242

Square

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



44.8802, 0.3346, 0.3421



44.8802, 0.3088, 0.3435



44.8802, 0.2913, 0.3155



44.8802, 0.3164, 0.3152

Rectangle

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



44.8802, 0.3346, 0.3421



44.8802, 0.3236, 0.3488



44.8802, 0.2913, 0.3155



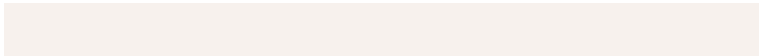
44.8802, 0.3017, 0.3099

Sweetspot

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



44.8822, 0.3346, 0.3421



89.1359, 0.3190, 0.3329



41.6796, 0.3229, 0.3096



19.4051, 0.3203, 0.3337



97.7402, 0.3127, 0.3290



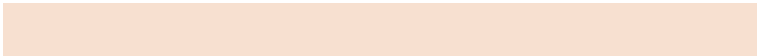
20.4902, 0.3127, 0.3290

Same Dimension

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



44.8822, 0.3346, 0.3421



77.4840, 0.3405, 0.3454



50.0194, 0.3325, 0.3579



10.1462, 0.3279, 0.3382



10.8645, 0.5676, 0.3875



0.5541, 0.5239, 0.4222

Inverse Universe

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



44.9143, 0.2926, 0.3155



77.5528, 0.2877, 0.3120



40.0504, 0.2922, 0.2984



10.1513, 0.2984, 0.3196



10.6255, 0.1872, 0.1939



0.5410, 0.1972, 0.2298

Previews

White Background



This preview shows how the Yxy color 44.8802, 0.3346, 0.3421 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 44.8802, 0.3346, 0.3421 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

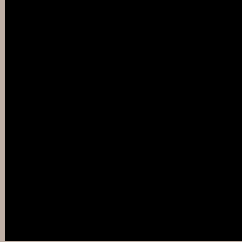
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.8802, 0.3346, 0.3421

Background



This preview shows how black text looks on a background with the Yxy color 44.8802, 0.3346, 0.3421.



This preview shows how white text looks on a background with the Yxy color 44.8802, 0.3346, 0.3421.

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

44.8802, 0.3346, 0.3421

Protanopia

44.9451, 0.3280, 0.3436

Deuteranopia

44.9565, 0.3426, 0.3367



Tritanopia

44.9016, 0.3206, 0.3126

Trichromacy



Original Color

44.8802, 0.3346, 0.3421

Protanomaly

44.7991, 0.3299, 0.3422

Deuteranomaly

44.9324, 0.3396, 0.3380

Tritanomaly

44.8642, 0.3255, 0.3226

Monochromacy



Original Color

44.8802, 0.3346, 0.3421

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.9641, 0.3204, 0.3343

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.8802, 0.3346, 0.3421 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, 176, 166)` looks like.

```
.text, #text, p{  
    color:rgb(191, 176, 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(191, 176, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 176, 166) }
```

Border

The CSS property to change the border of an element to Yxy 44.8802, 0.3346, 0.3421 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, 176, 166) }
```

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

```
.border{ border-color:rgb(191, 176, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 176, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 176, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 176, 166);  
box-shadow:4px 4px 4px 4px rgb(191, 176,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 44.8802, 0.3346, 0.3421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 176, 166) }
```

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

```
.background{ background-color: rgb(191,  
176, 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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