

Converting Colors

$Y_{xy}(44.1133, 0.3214, 0.3319)$

Have a look what the booklet for
Yxy(44.1133, 0.3214, 0.3319)
contains.

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Color

Yxy(44.2970, 0.3214, 0.3317)

Conversions

Conversions Part 1

Format	Color
Hex	B8B0AE
RGB	184, 176, 174
RGB Percent	72%, 69%, 68%
CMY	0.2787, 0.3097, 0.3177
CMYK	0.00, 0.04, 0.05, 0.28
HSL	12°, 7%, 70%
HSV	12°, 5%, 72%
XYZ	42.9215, 44.2970, 46.3269
YIQ	178.1640, 5.4100, 1.0740

Conversions

Conversions Part 2

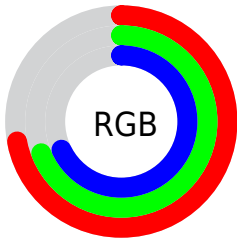
Format	Color
RYB	184, 177, 174
Decimal	12103854
CIELab	72.43, 2.45, 2.03
CIELCh	72, 3.188, 39.656
Yxy	44.2970, 0.3214, 0.3317
Android (android.graphics.Color)	4290293934 (0xFFB8B0AE)
YUV	178.1640, -2.0529, 5.1182
Hunter-Lab	66.5560, -1.3596, 5.3199

Details

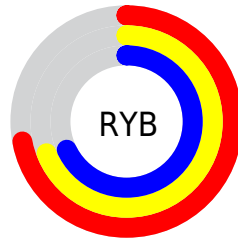
The Yxy color **44.2970, 0.3214, 0.3317** is a light color, and the websafe version is hex **999999**. A complement of this color would be **45.8753, 0.3045, 0.3263**, and the grayscale version is **44.6181, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.8956, 0.3201, 0.3321**, and **20.6457, 0.3235, 0.3326** is the 20% darker color. If you saturate the color by 10%, you get **38.1950, 0.3400, 0.3370**, and if you desaturate by 10%, it is **51.1201, 0.3060, 0.3268**.

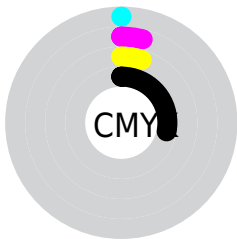
Distribution



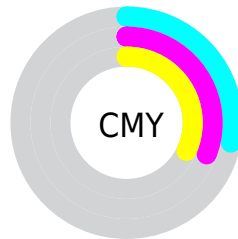
- Red (72%)
- Green (69%)
- Blue (68%)



- Red (72%)
- Yellow (69%)
- Blue (68%)



- Cyan (0%)
- Magenta (4%)
- Yellow (5%)
- Black (28%)



- Cyan (28%)
- Magenta (31%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.2970, 0.3214, 0.3317 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 44.2970, 0.3214, 0.3317 by changing the saturation by 10% instead.

■ 44.2970, 0.3214,
0.3317

■ 44.2970, 0.3214,
0.3317

363.9189, 0.3170,
0.3304

■ 30.9041, 0.3225,
0.3320

■ 81.6645, 0.3198,
0.3312

■ 20.5258, 0.3239,
0.3325

106.4078, 0.3192,
0.3310

■ 12.7778, 0.3259,
0.3330

135.7034, 0.3187,
0.3309

■ 7.2757, 0.3286,
0.3338

169.9356, 0.3183,
0.3307

■ 3.6351, 0.3328,
0.3350

209.4889, 0.3179,
0.3306

■ 1.4716, 0.3399,
0.3370

254.7476, 0.3176,

■ 0.2686, 0.4294,

0.3305

0.3659

306.0961, 0.3173,
0.3304

0.0000, 0.0000,
0.0000

44.2970, 0.3214,
0.3317

44.2970, 0.3214,
0.3317

38.1950, 0.3400,
0.3370

51.1201, 0.3060,
0.3268

32.7848, 0.3623,
0.3426

58.6810, 0.2932,
0.3223

28.0435, 0.3891,
0.3482

67.0028, 0.2826,
0.3182

23.9449, 0.4207,
0.3536

76.1063, 0.2736,
0.3145

20.4609, 0.4570,
0.3581

85.2848, 0.2714,
0.3227

■ 17.5615, 0.4969,
0.3610

■ 88.9234, 0.2721,
0.3289

■ 15.2139, 0.5379,
0.3613

■ 13.3820, 0.5756,
0.3581

■ 12.0248, 0.6055,
0.3515

Harmonies

Analogous

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



44.2970, 0.3192, 0.3277



44.2970, 0.3214, 0.3317



44.2970, 0.3212, 0.3350

Triad

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



44.2970, 0.3214, 0.3317



44.2970, 0.3101, 0.3341



44.2970, 0.3067, 0.3213

Complementary

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



44.2970, 0.3214, 0.3317



45.8753, 0.3045, 0.3263

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.



44.2970, 0.3043, 0.3230



44.2970, 0.3214, 0.3317



44.2970, 0.3062, 0.3303

Square

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



44.2970, 0.3214, 0.3317



44.2970, 0.3147, 0.3364



44.2970, 0.3041, 0.3262



44.2970, 0.3107, 0.3217

Rectangle

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



44.2970, 0.3214, 0.3317



44.2970, 0.3198, 0.3364



44.2970, 0.3041, 0.3262



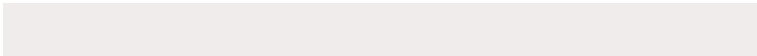
44.2970, 0.3057, 0.3217

Sweetspot

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



44.2989, 0.3214, 0.3317



84.3903, 0.3159, 0.3300



43.8273, 0.3150, 0.3186



18.2207, 0.3157, 0.3300



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.



44.2989, 0.3214, 0.3317



79.5539, 0.3226, 0.3321



46.2697, 0.3209, 0.3381



9.6926, 0.3233, 0.3323



8.0438, 0.6149, 0.3500



0.3720, 0.5665, 0.3884

Inverse Universe

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



45.8753, 0.3045, 0.3263



82.7631, 0.3034, 0.3259



43.8909, 0.3046, 0.3197



10.1129, 0.3028, 0.3257



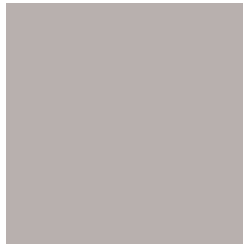
16.7451, 0.2064, 0.2630



0.6702, 0.2116, 0.2818

Previews

White Background



This preview shows how the Yxy color 44.2970, 0.3214, 0.3317 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 44.2970, 0.3214, 0.3317 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

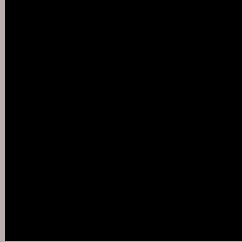
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

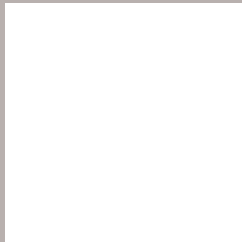
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.2970, 0.3214, 0.3317

Background



This preview shows how black text looks on a background with the Yxy color 44.2970, 0.3214, 0.3317.



This preview shows how white text looks on a background with the Yxy color 44.2970, 0.3214, 0.3317.

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

44.2970, 0.3214, 0.3317

Protanopia

44.3240, 0.3187, 0.3330

Deuteranopia

44.3360, 0.3320, 0.3252



Tritanopia

44.3420, 0.3118, 0.3110

Trichromacy



Original Color

44.2970, 0.3214, 0.3317

Protanomaly

44.4454, 0.3196, 0.3330

Deuteranomaly

44.1888, 0.3282, 0.3265

Tritanomaly

44.3931, 0.3150, 0.3186

Monochromacy



Original Color

44.2970, 0.3214, 0.3317

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.3219, 0.3153, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.2970, 0.3214, 0.3317 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(184, 176, 174)` looks like.

```
.text, #text, p{  
    color:rgb(184, 176, 174)  
}
```

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(184, 176, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 176, 174) }
```

Border

The CSS property to change the border of an element to Yxy 44.2970, 0.3214, 0.3317 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(184, 176, 174) }
```

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

```
.border{ border-color:rgb(184, 176, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 176, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 176, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 176, 174);  
box-shadow:4px 4px 4px 4px rgb(184, 176,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 44.2970, 0.3214, 0.3317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 176, 174) }
```

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

```
.background{ background-color: rgb(184,  
176, 174) }
```

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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