

# Converting Colors

$Yxy(44.3532, 0.3218, 0.3387)$

Have a look what the booklet for  
Yxy(44.3532, 0.3218, 0.3387)  
contains.

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# Color

**Yxy(44.1703, 0.3220, 0.3384)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B5B1AA
RGB	181, 177, 170
RGB Percent	71%, 69%, 67%
CMY	0.2902, 0.3058, 0.3334
CMYK	0.00, 0.02, 0.06, 0.29
HSL	38°, 7%, 69%
HSV	38°, 6%, 71%
XYZ	42.0297, 44.1703, 44.3269
YIQ	177.3980, 4.6310, -1.3290

# Conversions

## Conversions Part 2

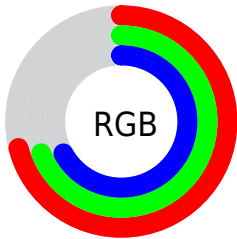
Format	Color
<a href="#">RYB</a>	<a href="#">176, 181, 170</a>
Decimal	<a href="#">11907498</a>
CIELab	<a href="#">72.34, 0.14, 4.09</a>
CIELCh	<a href="#">72, 4.088, 88.004</a>
Yxy	<a href="#">44.1703, 0.3220, 0.3384</a>
Android (android.graphics.Color)	<a href="#">4290097578</a> ( <a href="#">0xFFB5B1AA</a> )
YUV	<a href="#">177.3980, -3.6472, 3.1590</a>
Hunter-Lab	<a href="#">66.4607, -3.4232, 6.9782</a>

# Details

The Yxy color **44.1703, 0.3220, 0.3384** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.1322, 0.3035, 0.3194**, and the grayscale version is **44.2037, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.7186, 0.3205, 0.3373**, and **20.3125, 0.3245, 0.3401** is the 20% darker color. If you saturate the color by 10%, you get **41.0130, 0.3386, 0.3545**, and if you desaturate by 10%, it is **47.5494, 0.3071, 0.3231**.

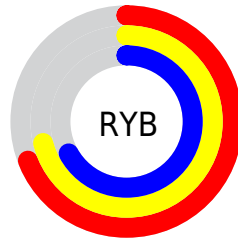
# Distribution



Red (71%)

Green (69%)

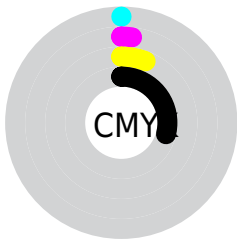
Blue (67%)



Red (69%)

Yellow (71%)

Blue (67%)

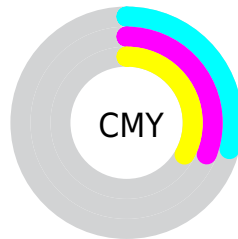


Cyan (0%)

Magenta (2%)

Yellow (6%)

Black (29%)



Cyan (29%)

Magenta (31%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 44.1703, 0.3220, 0.3384 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 44.1703, 0.3220, 0.3384 by changing the saturation by 10% instead.



■ 44.1703, 0.3220,  
0.3384

■ 44.1703, 0.3220,  
0.3384

363.4028, 0.3173,  
0.3337

■ 30.8044, 0.3232,  
0.3396

■ 81.4739, 0.3203,  
0.3367

■ 20.4500, 0.3247,  
0.3411

106.1805, 0.3196,  
0.3360

■ 12.7225, 0.3268,  
0.3432

135.4360, 0.3191,  
0.3355

■ 7.2378, 0.3297,  
0.3462

169.6250, 0.3186,  
0.3350

■ 3.6112, 0.3341,  
0.3506

209.1318, 0.3182,  
0.3346

■ 1.4586, 0.3417,  
0.3582

254.3407, 0.3179,

■ 0.2593, 0.4908,

0.3343

0.5092

305.6363, 0.3176,  
0.3339

0.0000, 0.0000,  
0.0000

44.1703, 0.3220,  
0.3384

44.1703, 0.3220,  
0.3384

41.0130, 0.3386,  
0.3545

47.5494, 0.3071,  
0.3231

38.0663, 0.3569,  
0.3712

51.1498, 0.2937,  
0.3089

35.3262, 0.3768,  
0.3879

54.9786, 0.2819,  
0.2956

32.7865, 0.3978,  
0.4040

59.0406, 0.2714,  
0.2835

30.4406, 0.4196,  
0.4187

62.9833, 0.2650,  
0.2779

■ 28.2814, 0.4412,  
0.4308

■ 66.2707, 0.2659,  
0.2855

■ 26.3009, 0.4617,  
0.4392

■ 69.6915, 0.2667,  
0.2930

■ 24.4903, 0.4799,  
0.4430

■ 73.2470, 0.2675,  
0.3005

■ 22.8386, 0.4951,  
0.4418

■ 76.9387, 0.2683,  
0.3079

# Harmonies

## Analogous

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



44.1703, 0.3241, 0.3352



44.1703, 0.3220, 0.3384



44.1703, 0.3174, 0.3390

# Triad

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



44.1703, 0.3220, 0.3384



44.1703, 0.3024, 0.3274



44.1703, 0.3138, 0.3213

# Complementary

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



44.1703, 0.3220, 0.3384



42.1322, 0.3035, 0.3194

# 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.



44.1703, 0.3080, 0.3192



44.1703, 0.3220, 0.3384



44.1703, 0.3015, 0.3227

# Square

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



44.1703, 0.3220, 0.3384



44.1703, 0.3061, 0.3327



44.1703, 0.3035, 0.3197



44.1703, 0.3193, 0.3254



# Rectangle

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



44.1703, 0.3220, 0.3384



44.1703, 0.3136, 0.3379



44.1703, 0.3035, 0.3197



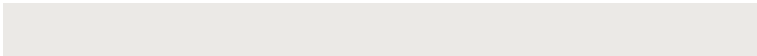
44.1703, 0.3118, 0.3203

# Sweetspot

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



44.1722, 0.3220, 0.3384



81.5265, 0.3157, 0.3321



41.6184, 0.3193, 0.3236



17.6349, 0.3156, 0.3319



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290



# Same Dimension

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



44.1722, 0.3220, 0.3384



78.5213, 0.3236, 0.3400



45.5903, 0.3203, 0.3437



9.5104, 0.3242, 0.3406



15.4603, 0.4994, 0.4417



0.5923, 0.4719, 0.4635



# Inverse Universe

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



42.1322, 0.3035, 0.3194



74.2776, 0.3019, 0.3177



40.7829, 0.3049, 0.3140



8.9723, 0.3014, 0.3172



5.0564, 0.1661, 0.1178



0.2723, 0.1825, 0.1769



# Previews

## White Background



This preview shows how the Yxy color 44.1703, 0.3220, 0.3384 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 44.1703, 0.3220, 0.3384 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

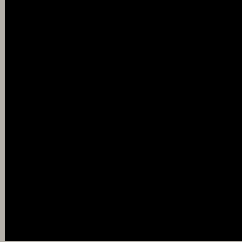
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

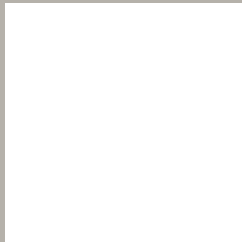
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 44.1703, 0.3220, 0.3384**

## **Background**



This preview shows how black text looks on a background with the Yxy color 44.1703, 0.3220, 0.3384.



This preview shows how white text looks on a background with the Yxy color 44.1703, 0.3220, 0.3384.

# 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

44.1703, 0.3220, 0.3384

### Protanopia

44.2916, 0.3229, 0.3383

### Deuteranopia

43.9364, 0.3366, 0.3291



## Tritanopia

44.0933, 0.3101, 0.3109

# Trichromacy



## Original Color

44.1703, 0.3220, 0.3384

## Protanomaly

44.2916, 0.3229, 0.3383

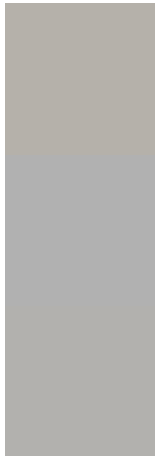
## Deuteranomaly

43.9038, 0.3307, 0.3317

## Tritanomaly

44.0634, 0.3148, 0.3211

# Monochromacy



## Original Color

44.1703, 0.3220, 0.3384

## Achromatopsia

43.9657, 0.3127, 0.3290

## Achromatomaly

43.9653, 0.3160, 0.3330

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 44.1703, 0.3220, 0.3384 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(181, 177, 170)` looks like.

```
.text, #text, p{  
    color:rgb(181, 177, 170)  
}
```

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(181, 177, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 177, 170) }
```

## Border

The CSS property to change the border of an element to Yxy 44.1703, 0.3220, 0.3384 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(181, 177, 170) }
```

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

```
.border{ border-color:rgb(181, 177, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 177, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 177, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 177, 170);  
box-shadow:4px 4px 4px 4px rgb(181, 177,  
170) }
```



# Background

The CSS property to change the background color of an element to Yxy 44.1703, 0.3220, 0.3384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 177, 170) }
```

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

```
.background{ background-color: rgb(181,  
177, 170) }
```

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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