

# Converting Colors

Yxy(44.2326, 0.3256, 0.3336)

Have a look what the booklet for  
Yxy(44.2326, 0.3256, 0.3336)  
contains.

<b>Yxy(44.0776, 0.3250, 0.3330)</b> .....	3
<b>Conversions</b> .....	4
<b>Details</b> .....	6
<b>Harmonies</b> .....	12
<b>Previews</b> .....	24
<b>Color Blindness Simulation</b> .....	27
<b>CSS Examples</b> .....	30

# Color

**Yxy(44.0776, 0.3250, 0.3330)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BAAFAC
RGB	186, 175, 172
RGB Percent	73%, 69%, 67%
CMY	0.2707, 0.3137, 0.3255
CMYK	0.00, 0.06, 0.08, 0.27
HSL	13°, 9%, 70%
HSV	13°, 8%, 73%
XYZ	43.0187, 44.0776, 45.2689
YIQ	177.9470, 7.5190, 1.3990

# Conversions

## Conversions Part 2

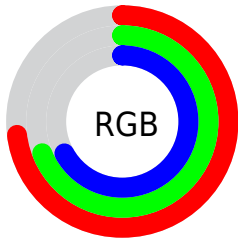
<b>Format</b>	<b>Color</b>
<b>RYB</b>	186, 176, 172
Decimal	12234668
CIELab	72.28, 3.37, 2.94
CIELCh	72, 4.472, 41.032
Yxy	44.0776, 0.3250, 0.3330
Android (android.graphics.Color)	4290424748 (0xFFBAAFAC)
YUV	177.9470, -2.9319, 7.0625
Hunter-Lab	66.3910, -0.5234, 6.0466

# Details

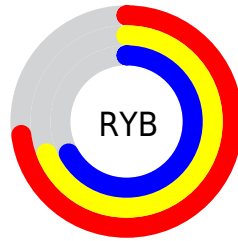
The Yxy color **44.0776, 0.3250, 0.3330** is a light color, and the websafe version is hex **999999**. A complement of this color would be **46.1571, 0.3013, 0.3250**, and the grayscale version is **44.5026, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.5751, 0.3228, 0.3331**, and **20.5085, 0.3285, 0.3344** is the 20% darker color. If you saturate the color by 10%, you get **38.0427, 0.3443, 0.3387**, and if you desaturate by 10%, it is **50.8288, 0.3090, 0.3277**.

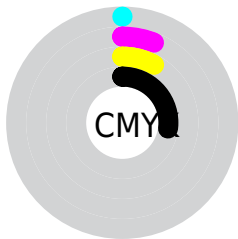
# Distribution



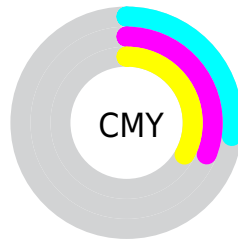
- Red (73%)
- Green (69%)
- Blue (67%)



- Red (73%)
- Yellow (69%)
- Blue (67%)



- Cyan (0%)
- Magenta (6%)
- Yellow (8%)
- Black (27%)



- Cyan (27%)
- Magenta (31%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 44.0776, 0.3250, 0.3330 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 44.0776, 0.3250, 0.3330 by changing the saturation by 10% instead.



■ 44.0776, 0.3250,  
0.3330

■ 44.0776, 0.3250,  
0.3330

363.0248, 0.3188,  
0.3310

■ 30.7315, 0.3266,  
0.3335

■ 81.3345, 0.3227,  
0.3323

■ 20.3945, 0.3286,  
0.3341

106.0141, 0.3219,  
0.3320

■ 12.6821, 0.3314,  
0.3350

135.2403, 0.3212,  
0.3318

■ 7.2100, 0.3353,  
0.3361

169.3976, 0.3205,  
0.3316

■ 3.5938, 0.3412,  
0.3379

208.8703, 0.3200,  
0.3314

■ 1.4490, 0.3514,  
0.3407

254.0428, 0.3196,

■ 0.2524, 0.5002,

0.3313

0.3918

305.2995, 0.3191,  
0.3311

0.0000, 0.0000,  
0.0000

44.0776, 0.3250,  
0.3330

44.0776, 0.3250,  
0.3330

38.0427, 0.3443,  
0.3387

50.8288, 0.3090,  
0.3277

32.6949, 0.3674,  
0.3446

58.3128, 0.2957,  
0.3229

28.0112, 0.3950,  
0.3506

66.5531, 0.2846,  
0.3185

23.9654, 0.4273,  
0.3561

75.5700, 0.2753,  
0.3144

20.5296, 0.4641,  
0.3607

84.7238, 0.2723,  
0.3213

■ 17.6734, 0.5041,  
0.3633

■ 89.1742, 0.2731,  
0.3289

■ 15.3640, 0.5443,  
0.3630

■ 13.5652, 0.5805,  
0.3590

■ 12.2339, 0.6085,  
0.3518

# Harmonies

## Analogous

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



44.0776, 0.3221, 0.3274



44.0776, 0.3250, 0.3330



44.0776, 0.3246, 0.3376

# Triad

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



44.0776, 0.3250, 0.3330



44.0776, 0.3087, 0.3359



44.0776, 0.3045, 0.3182

# Complementary

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



44.0776, 0.3250, 0.3330



46.1571, 0.3013, 0.3250

# 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.



44.0776, 0.3010, 0.3203



44.0776, 0.3250, 0.3330



44.0776, 0.3034, 0.3306

# Square

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



44.0776, 0.3250, 0.3330



44.0776, 0.3151, 0.3394



44.0776, 0.3006, 0.3248



44.0776, 0.3102, 0.3189



# Rectangle

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



44.0776, 0.3250, 0.3330



44.0776, 0.3225, 0.3395



44.0776, 0.3006, 0.3248



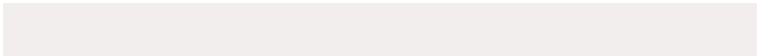
44.0776, 0.3030, 0.3186

# Sweetspot

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



44.0795, 0.3250, 0.3330



86.4726, 0.3159, 0.3301



43.3647, 0.3159, 0.3145



19.0707, 0.3157, 0.3300



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.



44.0795, 0.3250, 0.3330



78.0504, 0.3279, 0.3339



46.7755, 0.3242, 0.3418



9.3187, 0.3282, 0.3340



8.1463, 0.6126, 0.3518



0.3792, 0.5631, 0.3911



# Inverse Universe

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



46.1571, 0.3013, 0.3250



82.5905, 0.2988, 0.3240



43.4382, 0.3013, 0.3159



9.8721, 0.2985, 0.3239



16.2838, 0.2052, 0.2588



0.6573, 0.2108, 0.2789



# Previews

## White Background



This preview shows how the Yxy color 44.0776, 0.3250, 0.3330 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

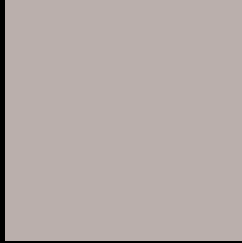
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 44.0776, 0.3250, 0.3330 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

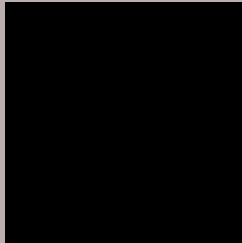
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

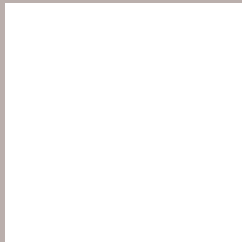
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 44.0776, 0.3250, 0.3330**

## Background



This preview shows how black text looks on a background with the Yxy color 44.0776, 0.3250, 0.3330.



This preview shows how white text looks on a background with the Yxy color 44.0776, 0.3250, 0.3330.

# 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

44.0776, 0.3250, 0.3330

### Protanopia

43.8916, 0.3196, 0.3330

### Deuteranopia

43.8787, 0.3339, 0.3265



## Tritanopia

44.1237, 0.3153, 0.3123

# Trichromacy



## Original Color

44.0776, 0.3250, 0.3330

## Protanomaly

44.1351, 0.3214, 0.3330

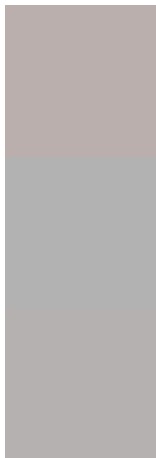
## Deuteranomaly

43.7286, 0.3300, 0.3278

## Tritanomaly

44.1731, 0.3185, 0.3199

# Monochromacy



## Original Color

44.0776, 0.3250, 0.3330

## Achromatopsia

44.5201, 0.3127, 0.3290

## Achromatomaly

44.4026, 0.3170, 0.3303

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 44.0776, 0.3250, 0.3330 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, 172)` looks like.

```
.text, #text, p{  
    color:rgb(186, 175, 172)  
}
```

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, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 175, 172) }
```

## Border

The CSS property to change the border of an element to Yxy 44.0776, 0.3250, 0.3330 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, 172) }
```

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

```
.border{ border-color:rgb(186, 175, 172) }
```

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, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 175, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 175, 172);  
box-shadow:4px 4px 4px 4px rgb(186, 175,  
172) }
```



# Background

The CSS property to change the background color of an element to Yxy 44.0776, 0.3250, 0.3330 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, 172) }
```

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

```
.background{ background-color: rgb(186,  
175, 172) }
```

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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