

# Converting Colors

Yxy(41.9814, 0.3323, 0.3264)

Have a look what the booklet for  
Yxy(41.9814, 0.3323, 0.3264)  
contains.

<b>Yxy(41.9839, 0.3324, 0.3264)</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(41.9839, 0.3324, 0.3264)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BFA8AA
RGB	191, 168, 170
RGB Percent	75%, 66%, 67%
CMY	0.2508, 0.3412, 0.3333
CMYK	0.00, 0.12, 0.11, 0.25
HSL	355°, 15%, 70%
HSV	355°, 12%, 75%
XYZ	42.7557, 41.9839, 43.8876
YIQ	175.1050, 13.0660, 5.4980

# Conversions

## Conversions Part 2

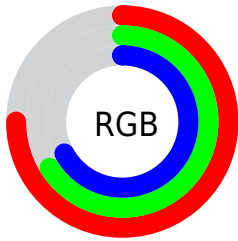
<b>Format</b>	<b>Color</b>
<b>RYB</b>	191, 168, 170
Decimal	12560554
CIELab	70.86, 8.71, 2.02
CIELCh	71, 8.944, 13.059
Yxy	41.9839, 0.3324, 0.3264
Android (android.graphics.Color)	4290750634 (0xFFBFA8AA)
YUV	175.1050, -2.5168, 13.9399
Hunter-Lab	64.7950, 4.3939, 5.1976

# Details

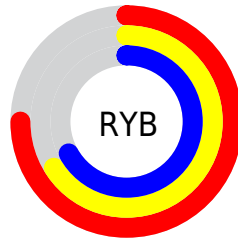
The Yxy color **41.9839, 0.3324, 0.3264** is a light color, and the websafe version is hex **999999**. A complement of this color would be **49.2845, 0.2959, 0.3316**, and the grayscale version is **42.9393, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.9858, 0.3285, 0.3270**, and **19.1172, 0.3377, 0.3255** is the 20% darker color. If you saturate the color by 10%, you get **34.8264, 0.3531, 0.3241**, and if you desaturate by 10%, it is **50.2689, 0.3157, 0.3286**.

# Distribution



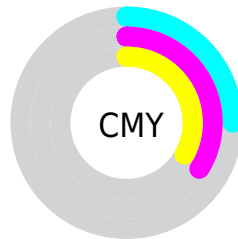
- Red (75%)
- Green (66%)
- Blue (67%)



- Red (75%)
- Yellow (66%)
- Blue (67%)



- Cyan (0%)
- Magenta (12%)
- Yellow (11%)
- Black (25%)




- Cyan (25%)
- Magenta (34%)
- Yellow (33%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 41.9839, 0.3324, 0.3264 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 41.9839, 0.3324, 0.3264 by changing the saturation by 10% instead.




 41.9839, 0.3324,  
0.3264

 41.9839, 0.3324,  
0.3264

354.4162, 0.3224,  
0.3278

 29.0887, 0.3350,  
0.3260


 78.1753, 0.3287,  
0.3269

 19.1479, 0.3383,  
0.3255

 102.2402, 0.3273,  
0.3271

 11.7772, 0.3429,  
0.3248


130.7972, 0.3262,  
0.3273

 6.5922, 0.3494,  
0.3238

164.2305, 0.3252,  
0.3274

 3.2084, 0.3594,  
0.3222

202.9247, 0.3243,  
0.3275

 1.2415, 0.3770,  
0.3191

247.2641, 0.3236,

 0.0952, 0.7610,

0.3276

0.2390

297.6332, 0.3229,  
0.3277

0.0000, 0.0000,  
0.0000

41.9839, 0.3324,  
0.3264

41.9839, 0.3324,  
0.3264

34.8264, 0.3531,  
0.3241

50.2689, 0.3157,  
0.3286

28.7425, 0.3788,  
0.3218

59.7213, 0.3023,  
0.3306

23.6819, 0.4102,  
0.3195

70.3860, 0.2915,  
0.3324

19.5885, 0.4477,  
0.3177

82.3037, 0.2827,  
0.3340

16.4005, 0.4905,  
0.3166

89.8237, 0.2757,  
0.3289

■ 14.0491, 0.5358,  
0.3169

■ 12.4556, 0.5786,  
0.3187

■ 11.5263, 0.6125,  
0.3221

■ 11.1236, 0.6306,  
0.3247

# Harmonies

## Analogous

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



41.9839, 0.3215, 0.3161



41.9839, 0.3324, 0.3264



41.9839, 0.3380, 0.3376

# Triad

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



41.9839, 0.3324, 0.3264



41.9839, 0.3167, 0.3500



41.9839, 0.2893, 0.3108

# Complementary

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



41.9839, 0.3324, 0.3264



49.2845, 0.2959, 0.3316

# 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.



41.9839, 0.2881, 0.3196



41.9839, 0.3324, 0.3264



41.9839, 0.3037, 0.3425

# Square

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



41.9839, 0.3324, 0.3264



41.9839, 0.3287, 0.3515



41.9839, 0.2933, 0.3312



41.9839, 0.2967, 0.3071



# Rectangle

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



41.9839, 0.3324, 0.3264



41.9839, 0.3378, 0.3442



41.9839, 0.2933, 0.3312



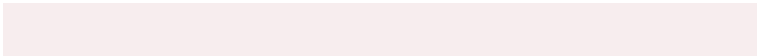
41.9839, 0.2882, 0.3133

# Sweetspot

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



41.9858, 0.3324, 0.3264



86.8629, 0.3188, 0.3282



42.5500, 0.3120, 0.2995



18.8171, 0.3200, 0.3280



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.



41.9858, 0.3324, 0.3264



72.2321, 0.3365, 0.3259



45.4386, 0.3327, 0.3410



9.5496, 0.3275, 0.3270



7.3107, 0.6287, 0.3237



0.2910, 0.5900, 0.3024

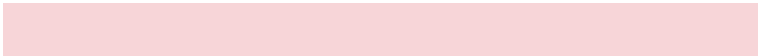


# Inverse Universe

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



41.9858, 0.3324, 0.3264



72.2321, 0.3365, 0.3259



45.4723, 0.2942, 0.3167



9.5496, 0.3275, 0.3270



7.3107, 0.6287, 0.3237



0.2910, 0.5900, 0.3024



# Previews

## White Background



This preview shows how the Yxy color 41.9839, 0.3324, 0.3264 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

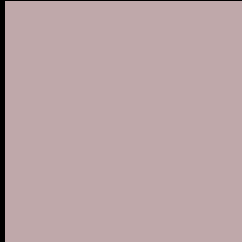
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 41.9839, 0.3324, 0.3264 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 41.9839, 0.3324, 0.3264**

## Background



This preview shows how black text looks on a background with the Yxy color 41.9839, 0.3324, 0.3264.



This preview shows how white text looks on a background with the Yxy color 41.9839, 0.3324, 0.3264.

# 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

41.9839, 0.3324, 0.3264

### Protanopia

42.2514, 0.3163, 0.3290

### Deuteranopia

41.9839, 0.3324, 0.3264



## Tritanopia

41.7742, 0.3247, 0.3110

# Trichromacy



## Original Color

41.9839, 0.3324, 0.3264

## Protanomaly

42.0495, 0.3219, 0.3277

## Deuteranomaly

41.9839, 0.3324, 0.3264

## Tritanomaly

41.9785, 0.3281, 0.3174

# Monochromacy



## Original Color

41.9839, 0.3324, 0.3264

## Achromatopsia

42.8690, 0.3127, 0.3290

## Achromatomaly

42.3459, 0.3200, 0.3277

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 41.9839, 0.3324, 0.3264 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, 168, 170)` looks like.

```
.text, #text, p{  
    color:rgb(191, 168, 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(191, 168, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 168, 170) }
```

## Border

The CSS property to change the border of an element to Yxy 41.9839, 0.3324, 0.3264 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, 168, 170) }
```

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

```
.border{ border-color:rgb(191, 168, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 168, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 168, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 168, 170);  
box-shadow:4px 4px 4px 4px rgb(191, 168,  
170) }
```



# Background

The CSS property to change the background color of an element to Yxy 41.9839, 0.3324, 0.3264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 168, 170) }
```

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

```
.background{ background-color: rgb(191,  
168, 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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