

Converting Colors

$Y_{xy}(42.9017, 0.3229, 0.3271)$

Have a look what the booklet for
Yxy(42.9017, 0.3229, 0.3271)
contains.

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Color

Yxy(42.8753, 0.3228, 0.3264)

Conversions

Conversions Part 1

Format	Color
Hex	B9ACAE
RGB	185, 172, 174
RGB Percent	73%, 67%, 68%
CMY	0.2744, 0.3255, 0.3177
CMYK	0.00, 0.07, 0.06, 0.27
HSL	351°, 9%, 70%
HSV	351°, 7%, 73%
XYZ	42.4024, 42.8753, 46.0804
YIQ	176.1150, 7.1060, 3.3780

Conversions

Conversions Part 2

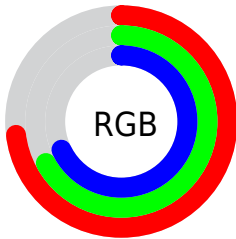
Format	Color
RYB	185, 172, 174
Decimal	12168366
CIELab	71.47, 5.02, 0.65
CIELCh	71, 5.066, 7.402
Yxy	42.8753, 0.3228, 0.3264
Android (android.graphics.Color)	4290358446 (0xFFB9ACAE)
YUV	176.1150, -1.0427, 7.7921
Hunter-Lab	65.4792, 1.0027, 4.1106

Details

The Yxy color **42.8753, 0.3228, 0.3264** is a light color, and the websafe version is hex **999999**. A complement of this color would be **46.8962, 0.3035, 0.3316**, and the grayscale version is **43.4836, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.2961, 0.3212, 0.3270**, and **19.7436, 0.3254, 0.3254** is the 20% darker color. If you saturate the color by 10%, you get **35.7420, 0.3400, 0.3225**, and if you desaturate by 10%, it is **51.0641, 0.3089, 0.3301**.

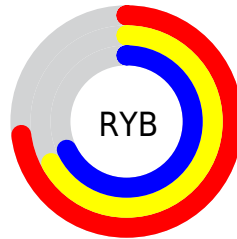
Distribution



Red (73%)

Green (67%)

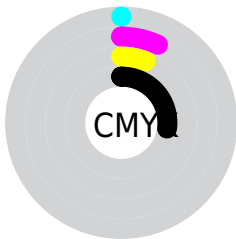
Blue (68%)



Red (73%)

Yellow (67%)

Blue (68%)

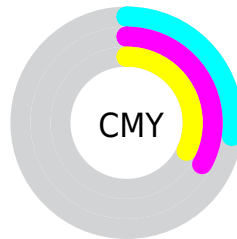


Cyan (0%)

Magenta (7%)

Yellow (6%)

Black (27%)



Cyan (27%)

Magenta (33%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.8753, 0.3228, 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 42.8753, 0.3228, 0.3264 by changing the saturation by 10% instead.

■ 42.8753, 0.3228,
0.3264

■ 42.8753, 0.3228,
0.3264

358.0987, 0.3177,
0.3277

■ 29.7873, 0.3241,
0.3261

■ 79.5226, 0.3209,
0.3269

■ 19.6772, 0.3258,
0.3256

103.8508, 0.3202,
0.3271

■ 12.1606, 0.3281,
0.3250

132.6944, 0.3196,
0.3272

■ 6.8532, 0.3313,
0.3241

166.4379, 0.3191,
0.3274

■ 3.3704, 0.3363,
0.3228

205.4657, 0.3187,
0.3275

■ 1.3280, 0.3450,
0.3204

250.1622, 0.3183,

■ 0.1628, 0.4851,

0.3276

0.2847

300.9117, 0.3180,
0.3277

0.0000, 0.0000,
0.0000

42.8753, 0.3228,
0.3264

42.8753, 0.3228,
0.3264

35.7420, 0.3400,
0.3225

51.0641, 0.3089,
0.3301

29.6160, 0.3613,
0.3184

60.3430, 0.2977,
0.3334

24.4534, 0.3875,
0.3143

70.7522, 0.2885,
0.3364

20.2050, 0.4191,
0.3106

82.3278, 0.2810,
0.3392

16.8174, 0.4562,
0.3076

88.8868, 0.2739,
0.3317

■ 14.2315, 0.4977,
0.3063

■ 89.0565, 0.2726,
0.3289

■ 12.3808, 0.5406,
0.3072

■ 11.1878, 0.5802,
0.3108

■ 10.5451, 0.6112,
0.3168

Harmonies

Analogous

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



42.8753, 0.3163, 0.3207



42.8753, 0.3228, 0.3264



42.8753, 0.3266, 0.3328

Triad

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



42.8753, 0.3228, 0.3264



42.8753, 0.3164, 0.3411



42.8753, 0.2991, 0.3196

Complementary

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



42.8753, 0.3228, 0.3264



46.8962, 0.3035, 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.



42.8753, 0.2991, 0.3250



42.8753, 0.3228, 0.3264



42.8753, 0.3090, 0.3375

Square

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



42.8753, 0.3228, 0.3264



42.8753, 0.3228, 0.3414



42.8753, 0.3027, 0.3316



42.8753, 0.3027, 0.3168

Rectangle

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



42.8753, 0.3228, 0.3264



42.8753, 0.3270, 0.3367



42.8753, 0.3027, 0.3316



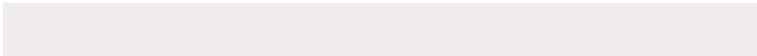
42.8753, 0.2987, 0.3211

Sweetspot

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



42.8772, 0.3228, 0.3264



83.8708, 0.3155, 0.3283



43.0572, 0.3116, 0.3120



18.1145, 0.3153, 0.3283



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.



42.8772, 0.3228, 0.3264



75.2872, 0.3245, 0.3260



44.4790, 0.3240, 0.3347



9.0340, 0.3264, 0.3255



7.0882, 0.6163, 0.3169



0.2570, 0.5554, 0.2833

Inverse Universe

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



42.8772, 0.3228, 0.3264



75.2872, 0.3245, 0.3260



45.1914, 0.3020, 0.3232



9.0340, 0.3264, 0.3255



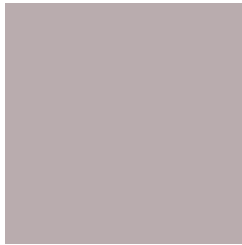
7.0882, 0.6163, 0.3169



0.2570, 0.5554, 0.2833

Previews

White Background



This preview shows how the Yxy color 42.8753, 0.3228, 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 42.8753, 0.3228, 0.3264 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

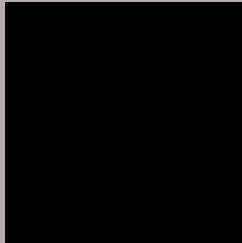
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

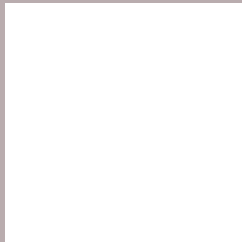
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.8753, 0.3228, 0.3264

Background



This preview shows how black text looks on a background with the Yxy color 42.8753, 0.3228, 0.3264.



This preview shows how white text looks on a background with the Yxy color 42.8753, 0.3228, 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

42.8753, 0.3228, 0.3264

Protanopia

42.8322, 0.3154, 0.3277

Deuteranopia

42.6384, 0.3296, 0.3226



Tritanopia

42.6492, 0.3154, 0.3108

Trichromacy



Original Color

42.8753, 0.3228, 0.3264

Protanomaly

42.8060, 0.3182, 0.3264

Deuteranomaly

42.6243, 0.3267, 0.3238

Tritanomaly

42.8602, 0.3187, 0.3173

Monochromacy



Original Color

42.8753, 0.3228, 0.3264

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.3388, 0.3163, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.8753, 0.3228, 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(185, 172, 174)` looks like.

```
.text, #text, p{  
    color:rgb(185, 172, 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(185, 172, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 172, 174) }
```

Border

The CSS property to change the border of an element to Yxy 42.8753, 0.3228, 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(185, 172, 174) }
```

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

```
.border{ border-color:rgb(185, 172, 174) }
```

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

Here you see how a box with a 4 pixel rgb(185, 172, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 172, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 172, 174);  
box-shadow:4px 4px 4px 4px rgb(185, 172,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 42.8753, 0.3228, 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(185, 172, 174) }
```

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

```
.background{ background-color: rgb(185,  
172, 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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