

Converting Colors

$Y_{xy}(42.8700, 0.3245, 0.3341)$

Have a look what the booklet for
Yxy(42.8700, 0.3245, 0.3341)
contains.

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Color

Yxy(42.8190, 0.3251, 0.3344)

Conversions

Conversions Part 1

Format	Color
Hex	B7ADA9
RGB	183, 173, 169
RGB Percent	72%, 68%, 66%
CMY	0.2824, 0.3215, 0.3373
CMYK	0.00, 0.05, 0.08, 0.28
HSL	17°, 9%, 69%
HSV	17°, 8%, 72%
XYZ	41.6282, 42.8190, 43.6001
YIQ	175.5340, 7.2440, 0.8760

Conversions

Conversions Part 2

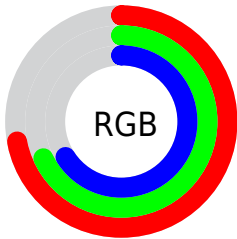
Format	Color
RYB	183, 175, 169
Decimal	12037545
CIELab	71.43, 2.85, 3.33
CIELCh	71, 4.383, 49.457
Yxy	42.8190, 0.3251, 0.3344
Android (android.graphics.Color)	4290227625 (0xFFB7ADA9)
YUV	175.5340, -3.2213, 6.5477
Hunter-Lab	65.4362, -0.9582, 6.3005

Details

The Yxy color $42.8190, 0.3251, 0.3344$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $44.0720, 0.3011, 0.3235$, and the grayscale version is $43.1743, 0.3127, 0.3290$.

A 20% lighter version of the original color is $79.2193, 0.3230, 0.3332$, and $19.7049, 0.3287, 0.3364$ is the 20% darker color. If you saturate the color by 10%, you get $37.4241, 0.3440, 0.3419$, and if you desaturate by 10%, it is $48.8013, 0.3092, 0.3274$.

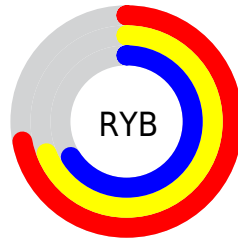
Distribution



Red (72%)

Green (68%)

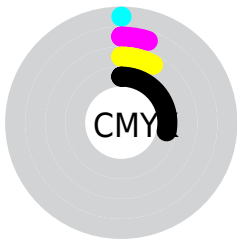
Blue (66%)



Red (72%)

Yellow (69%)

Blue (66%)

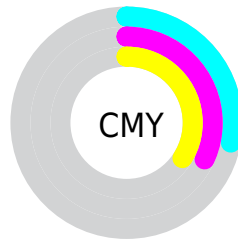


Cyan (0%)

Magenta (5%)

Yellow (8%)

Black (28%)



Cyan (28%)


Magenta (32%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.8190, 0.3251, 0.3344 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 42.8190, 0.3251, 0.3344 by changing the saturation by 10% instead.

 42.8190, 0.3251,
0.3344

 42.8190, 0.3251,
0.3344


357.8669, 0.3188,
0.3317

 29.7431, 0.3267,
0.3351


 79.4377, 0.3228,
0.3334

 19.6437, 0.3288,
0.3360


103.7492, 0.3219,
0.3330

 12.1363, 0.3316,
0.3371


132.5748, 0.3212,
0.3327

 6.8366, 0.3356,
0.3388

166.2988, 0.3206,
0.3325

 3.3601, 0.3418,
0.3412

205.3056, 0.3200,
0.3322

 1.3225, 0.3526,
0.3454

249.9796, 0.3196,

 0.1585, 0.5814,

0.3320

0.4186

300.7053, 0.3192,
0.3319

0.0000, 0.0000,
0.0000

42.8190, 0.3251,
0.3344

42.8190, 0.3251,
0.3344

37.4241, 0.3440,
0.3419

48.8013, 0.3092,
0.3274

32.5931, 0.3663,
0.3497

55.3826, 0.2959,
0.3209

28.3092, 0.3926,
0.3576

62.5809, 0.2846,
0.3150

24.5526, 0.4230,
0.3650

70.4121, 0.2750,
0.3097

21.3020, 0.4571,
0.3713

78.5334, 0.2697,
0.3105

■ 18.5350, 0.4939,
0.3753

■ 86.4058, 0.2712,
0.3248

■ 16.2272, 0.5311,
0.3759

■ 88.8045, 0.2716,
0.3289

■ 14.3516, 0.5652,
0.3723

■ 12.8761, 0.5929,
0.3645

Harmonies

Analogous

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



42.8190, 0.3231, 0.3290



42.8190, 0.3251, 0.3344



42.8190, 0.3237, 0.3384

Triad

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



42.8190, 0.3251, 0.3344



42.8190, 0.3071, 0.3345



42.8190, 0.3060, 0.3182

Complementary

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



42.8190, 0.3251, 0.3344



44.0720, 0.3011, 0.3235

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.



42.8190, 0.3018, 0.3196



42.8190, 0.3251, 0.3344



42.8190, 0.3025, 0.3289

Square

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



42.8190, 0.3251, 0.3344



42.8190, 0.3133, 0.3386



42.8190, 0.3005, 0.3234



42.8190, 0.3120, 0.3197

Rectangle

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



42.8190, 0.3251, 0.3344



42.8190, 0.3211, 0.3398



42.8190, 0.3005, 0.3234



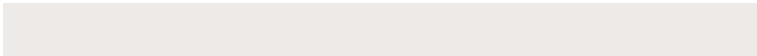
42.8190, 0.3043, 0.3184

Sweetspot

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



42.8209, 0.3251, 0.3344



82.5956, 0.3159, 0.3304



41.6909, 0.3169, 0.3158



18.2679, 0.3157, 0.3303



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.



42.8209, 0.3251, 0.3344



75.1938, 0.3277, 0.3355



45.5492, 0.3242, 0.3435



9.4220, 0.3281, 0.3356



8.8822, 0.5969, 0.3643



0.4228, 0.5448, 0.4056

Inverse Universe

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



44.0720, 0.3011, 0.3235



77.8486, 0.2988, 0.3224



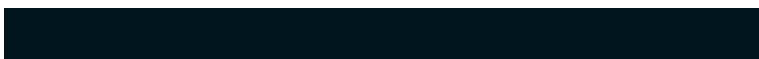
41.3636, 0.3011, 0.3141



9.7621, 0.2985, 0.3223



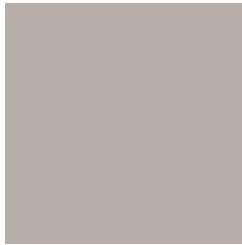
13.7065, 0.1983, 0.2338



0.5836, 0.2059, 0.2613

Previews

White Background



This preview shows how the Yxy color 42.8190, 0.3251, 0.3344 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 42.8190, 0.3251, 0.3344 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

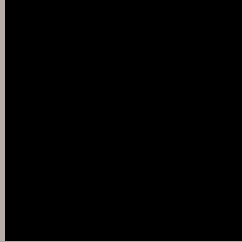
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

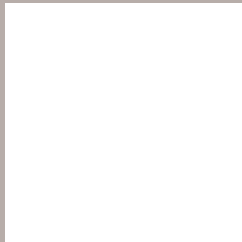
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.8190, 0.3251, 0.3344

Background



This preview shows how black text looks on a background with the Yxy color 42.8190, 0.3251, 0.3344.



This preview shows how white text looks on a background with the Yxy color 42.8190, 0.3251, 0.3344.

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

42.8190, 0.3251, 0.3344

Protanopia

42.7581, 0.3205, 0.3344

Deuteranopia

42.7475, 0.3350, 0.3278



Tritanopia

42.9008, 0.3144, 0.3121

Trichromacy



Original Color

42.8190, 0.3251, 0.3344

Protanomaly

42.8777, 0.3214, 0.3344

Deuteranomaly

42.5989, 0.3311, 0.3291

Tritanomaly

42.9501, 0.3176, 0.3198

Monochromacy



Original Color

42.8190, 0.3251, 0.3344

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.2608, 0.3179, 0.3317

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.8190, 0.3251, 0.3344 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(183, 173, 169)` looks like.

```
.text, #text, p{  
    color:rgb(183, 173, 169)  
}
```

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(183, 173, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 173, 169) }
```

Border

The CSS property to change the border of an element to Yxy 42.8190, 0.3251, 0.3344 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(183, 173, 169) }
```

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

```
.border{ border-color:rgb(183, 173, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 173, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 173, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 173, 169);  
box-shadow:4px 4px 4px 4px rgb(183, 173,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 42.8190, 0.3251, 0.3344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 173, 169) }
```

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

```
.background{ background-color: rgb(183,  
173, 169) }
```

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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