

Converting Colors

$Y_{xy}(42.2980, 0.3220, 0.3244)$

Have a look what the booklet for
Yxy(42.2980, 0.3220, 0.3244)
contains.

Yxy(42.3722, 0.3220, 0.3251)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(42.3722, 0.3220, 0.3251)

Conversions

Conversions Part 1

Format	Color
Hex	B8ABAE
RGB	184, 171, 174
RGB Percent	72%, 67%, 68%
CMY	0.2784, 0.3294, 0.3178
CMYK	0.00, 0.07, 0.05, 0.28
HSL	346°, 8%, 70%
HSV	346°, 7%, 72%
XYZ	41.9682, 42.3722, 45.9955
YIQ	175.2290, 6.7850, 3.6890

Conversions

Conversions Part 2

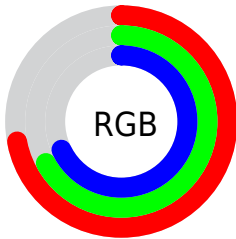
Format	Color
RYB	184, 171, 174
Decimal	12102574
CIELab	71.13, 5.20, 0.15
CIELCh	71, 5.198, 1.684
Yxy	42.3722, 0.3220, 0.3251
Android (android.graphics.Color)	4290292654 (0xFFB8ABAE)
YUV	175.2290, -0.6059, 7.6922
Hunter-Lab	65.0939, 1.1703, 3.6713

Details

The Yxy color $42.3722, 0.3220, 0.3251$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $46.2790, 0.3042, 0.3329$, and the grayscale version is $42.9954, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.5751, 0.3205, 0.3259$, and $19.4241, 0.3243, 0.3236$ is the 20% darker color. If you saturate the color by 10%, you get $35.3746, 0.3377, 0.3193$, and if you desaturate by 10%, it is $50.3998, 0.3092, 0.3306$.

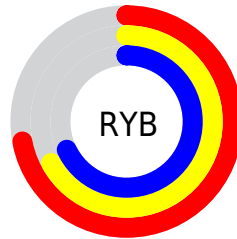
Distribution



Red (72%)

Green (67%)

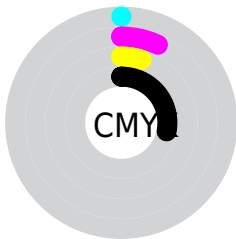
Blue (68%)



Red (72%)

Yellow (67%)

Blue (68%)

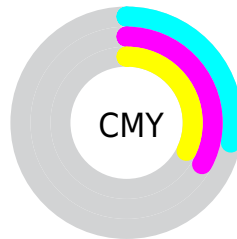


Cyan (0%)

Magenta (7%)

Yellow (5%)

Black (28%)



Cyan (28%)

Magenta (33%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.3722, 0.3220, 0.3251 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 42.3722, 0.3220, 0.3251 by changing the saturation by 10% instead.


 42.3722, 0.3220,
0.3251

 42.3722, 0.3220,
0.3251

356.0235, 0.3173,
0.3271

 29.3928, 0.3232,
0.3246

 78.7626, 0.3203,
0.3258

 19.3782, 0.3248,
0.3239

102.9425, 0.3196,
0.3261

 11.9439, 0.3269,
0.3230

131.6246, 0.3191,
0.3263

 6.7055, 0.3299,
0.3218

165.1935, 0.3186,
0.3265

 3.2786, 0.3345,
0.3198

204.0334, 0.3182,
0.3267

 1.2789, 0.3426,
0.3163

248.5288, 0.3179,

 0.1247, 0.4955,

0.3269

0.2519

299.0640, 0.3176,
0.3270

0.0000, 0.0000,
0.0000

42.3722, 0.3220,
0.3251

42.3722, 0.3220,
0.3251

35.3746, 0.3377,
0.3193

50.3998, 0.3092,
0.3306

29.3598, 0.3571,
0.3132

59.4910, 0.2989,
0.3356

24.2853, 0.3807,
0.3070

69.6847, 0.2904,
0.3402

20.1033, 0.4092,
0.3013

81.0163, 0.2835,
0.3443

16.7618, 0.4426,
0.2966

88.3028, 0.2770,
0.3397

■ 14.2032, 0.4803,
0.2939

■ 88.9308, 0.2721,
0.3289

■ 12.3630, 0.5201,
0.2941

■ 11.1658, 0.5584,
0.2981

■ 10.5064, 0.5910,
0.3056

Harmonies

Analogous

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



42.3722, 0.3150, 0.3196



42.3722, 0.3220, 0.3251



42.3722, 0.3265, 0.3317

Triad

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



42.3722, 0.3220, 0.3251



42.3722, 0.3179, 0.3418



42.3722, 0.2984, 0.3202

Complementary

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



42.3722, 0.3220, 0.3251



46.2790, 0.3042, 0.3329

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.



42.3722, 0.2991, 0.3261



42.3722, 0.3220, 0.3251



42.3722, 0.3103, 0.3387

Square

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



42.3722, 0.3220, 0.3251



42.3722, 0.3241, 0.3414



42.3722, 0.3035, 0.3329



42.3722, 0.3014, 0.3167

Rectangle

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



42.3722, 0.3220, 0.3251



42.3722, 0.3275, 0.3358



42.3722, 0.3035, 0.3329



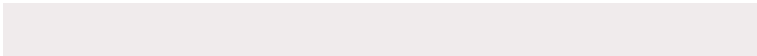
42.3722, 0.2982, 0.3219

Sweetspot

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



42.3740, 0.3220, 0.3251



83.8917, 0.3152, 0.3279



42.4095, 0.3108, 0.3119



18.1188, 0.3151, 0.3280



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.



42.3740, 0.3220, 0.3251



75.3653, 0.3235, 0.3245



43.5864, 0.3241, 0.3336



9.0449, 0.3253, 0.3238



7.1473, 0.5966, 0.3060



0.2616, 0.5237, 0.2659

Inverse Universe

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



42.3740, 0.3220, 0.3251



75.3653, 0.3235, 0.3245



44.9796, 0.3020, 0.3243



9.0449, 0.3253, 0.3238



7.1473, 0.5966, 0.3060



0.2616, 0.5237, 0.2659

Previews

White Background



This preview shows how the Yxy color 42.3722, 0.3220, 0.3251 looks on a white background.

Color Contrast Check

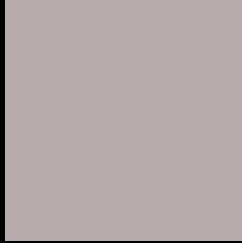
Large Text (above 18pt) WCAG AA × Fail

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 42.3722, 0.3220, 0.3251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

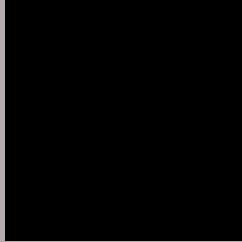
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

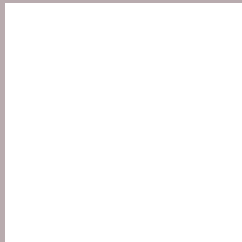
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.3722, 0.3220, 0.3251

Background



This preview shows how black text looks on a background with the Yxy color 42.3722, 0.3220, 0.3251.



This preview shows how white text looks on a background with the Yxy color 42.3722, 0.3220, 0.3251.

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

42.3722, 0.3220, 0.3251

Protanopia

42.3294, 0.3146, 0.3263

Deuteranopia

42.5083, 0.3287, 0.3225



Tritanopia

42.4826, 0.3153, 0.3120

Trichromacy



Original Color

42.3722, 0.3220, 0.3251

Protanomaly

42.3035, 0.3174, 0.3250

Deuteranomaly

42.4968, 0.3258, 0.3238

Tritanomaly

42.3590, 0.3179, 0.3159

Monochromacy



Original Color

42.3722, 0.3220, 0.3251

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.8322, 0.3154, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.3722, 0.3220, 0.3251 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(184, 171, 174)` looks like.

```
.text, #text, p{  
    color:rgb(184, 171, 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(184, 171, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 171, 174) }
```

Border

The CSS property to change the border of an element to Yxy 42.3722, 0.3220, 0.3251 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(184, 171, 174) }
```

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

```
.border{ border-color:rgb(184, 171, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 171, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 171, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 171, 174);  
box-shadow:4px 4px 4px 4px rgb(184, 171,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 42.3722, 0.3220, 0.3251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 171, 174) }
```

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

```
.background{ background-color: rgb(184,  
171, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor