

Converting Colors

Yxy(50.3361, 0.3393, 0.3497)

Have a look what the booklet for
Yxy(50.3361, 0.3393, 0.3497)
contains.

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Color

Yxy(50.3999, 0.3392, 0.3502)

Conversions

Conversions Part 1

Format	Color
Hex	C9BAA9
RGB	201, 186, 169
RGB Percent	79%, 73%, 66%
CMY	0.2116, 0.2706, 0.3372
CMYK	0.00, 0.07, 0.16, 0.21
HSL	32°, 23%, 73%
HSV	32°, 16%, 79%
XYZ	48.8168, 50.3999, 44.7008
YIQ	188.5470, 14.3970, -2.1070

Conversions

Conversions Part 2

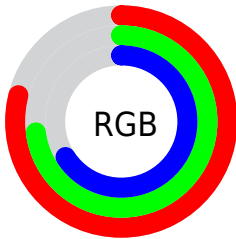
Format	Color
RYB	197, 201, 169
Decimal	13220521
CIELab	76.31, 2.51, 10.52
CIELCh	76, 10.814, 76.564
Yxy	50.3999, 0.3392, 0.3502
Android (android.graphics.Color)	4291410601 (0xFFC9BAA9)
YUV	188.5470, -9.6367, 10.9213
Hunter-Lab	70.9929, -1.4957, 12.3630

Details

The Yxy color $50.3999, 0.3392, 0.3502$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $46.9657, 0.2879, 0.3068$, and the grayscale version is $50.6709, 0.3127, 0.3290$.

A 20% lighter version of the original color is $90.1461, 0.3325, 0.3468$, and $24.2625, 0.3467, 0.3560$ is the 20% darker color. If you saturate the color by 10%, you get $45.8539, 0.3587, 0.3643$, and if you desaturate by 10%, it is $55.3298, 0.3219, 0.3367$.

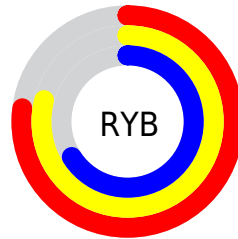
Distribution



Red (79%)

Green (73%)

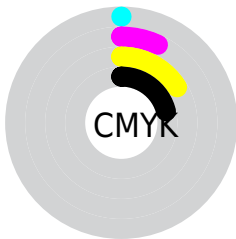
Blue (66%)



Red (77%)

Yellow (79%)

Blue (66%)

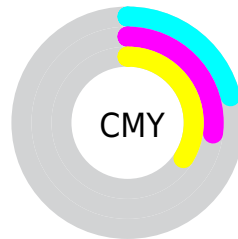


Cyan (0%)

Magenta (7%)

Yellow (16%)

Black (21%)



Cyan (21%)


Magenta (27%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.3999, 0.3392, 0.3502 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 50.3999, 0.3392, 0.3502 by changing the saturation by 10% instead.

 50.3999, 0.3392,
0.3502

 50.3999, 0.3392,
0.3502


388.2277, 0.3261,
0.3398

 35.7312, 0.3424,
0.3527


 90.7671, 0.3345,
0.3465

 24.2267, 0.3466,
0.3559


117.2344, 0.3327,
0.3451

 15.5019, 0.3520,
0.3601


148.4035, 0.3312,
0.3439

 9.1724, 0.3595,
0.3659

184.6586, 0.3299,
0.3428

 4.8538, 0.3705,
0.3741

226.3842, 0.3287,
0.3419

 2.1617, 0.3881,
0.3870

273.9646, 0.3277,

 0.6990, 0.5003,

0.3411

0.4819

327.7844, 0.3269,
0.3404

0.0000, 0.0000,
0.0000

50.3999, 0.3392,
0.3502

50.3999, 0.3392,
0.3502

45.8539, 0.3587,
0.3643

55.3298, 0.3219,
0.3367

41.6746, 0.3804,
0.3785

60.6467, 0.3068,
0.3239

37.8535, 0.4042,
0.3923

66.3622, 0.2935,
0.3120

34.3790, 0.4297,
0.4046

72.4855, 0.2819,
0.3011

31.2387, 0.4558,
0.4145

78.0531, 0.2795,
0.3057

■ 28.4191, 0.4815,
0.4207

■ 83.5540, 0.2802,
0.3159

■ 25.9052, 0.5051,
0.4219

■ 89.3458, 0.2809,
0.3259

■ 23.6797, 0.5251,
0.4178

■ 91.1629, 0.2811,
0.3289

■ 22.8454, 0.5327,
0.4152

Harmonies

Analogous

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



50.3999, 0.3417, 0.3401



50.3999, 0.3392, 0.3502



50.3999, 0.3295, 0.3548

Triad

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



50.3999, 0.3392, 0.3502



50.3999, 0.2897, 0.3299



50.3999, 0.3095, 0.3071

Complementary

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



50.3999, 0.3392, 0.3502



46.9657, 0.2879, 0.3068

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.



50.3999, 0.2958, 0.3041



50.3999, 0.3392, 0.3502



50.3999, 0.2846, 0.3168

Square

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



50.3999, 0.3392, 0.3502



50.3999, 0.3009, 0.3430



50.3999, 0.2868, 0.3075



50.3999, 0.3243, 0.3156

Rectangle

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



50.3999, 0.3392, 0.3502



50.3999, 0.3204, 0.3540



50.3999, 0.2868, 0.3075



50.3999, 0.3046, 0.3054

Sweetspot

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



50.4021, 0.3392, 0.3502



95.4419, 0.3206, 0.3355



44.2880, 0.3287, 0.3098



20.2943, 0.3217, 0.3365



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



50.4021, 0.3392, 0.3502



83.5853, 0.3455, 0.3549



57.0058, 0.3359, 0.3682



11.5520, 0.3277, 0.3413



14.5431, 0.5306, 0.4169



0.8328, 0.5014, 0.4401

Inverse Universe

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



46.9657, 0.2879, 0.3068



76.6370, 0.2825, 0.3017



41.0989, 0.2875, 0.2867



11.0957, 0.2983, 0.3164



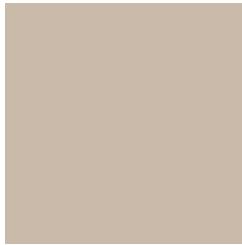
7.9177, 0.1749, 0.1495



0.5196, 0.1858, 0.1890

Previews

White Background



This preview shows how the Yxy color 50.3999, 0.3392, 0.3502 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 50.3999, 0.3392, 0.3502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

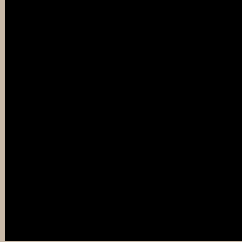
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

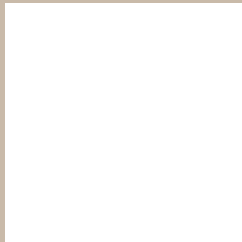
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.3999, 0.3392, 0.3502

Background



This preview shows how black text looks on a background with the Yxy color 50.3999, 0.3392, 0.3502.



This preview shows how white text looks on a background with the Yxy color 50.3999, 0.3392, 0.3502.

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

50.3999, 0.3392, 0.3502

Protanopia

50.6045, 0.3336, 0.3517

Deuteranopia

50.5043, 0.3498, 0.3436



Tritanopia

50.4206, 0.3211, 0.3122

Trichromacy



Original Color

50.3999, 0.3392, 0.3502

Protanomaly

50.4487, 0.3356, 0.3504

Deuteranomaly

50.3246, 0.3460, 0.3449

Tritanomaly

50.2495, 0.3283, 0.3254

Monochromacy



Original Color

50.3999, 0.3392, 0.3502

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.6813, 0.3215, 0.3366

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.3999, 0.3392, 0.3502 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(201, 186, 169)` looks like.

```
.text, #text, p{  
    color:rgb(201, 186, 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(201, 186, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 186, 169) }
```

Border

The CSS property to change the border of an element to Yxy 50.3999, 0.3392, 0.3502 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(201, 186, 169) }
```

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

```
.border{ border-color:rgb(201, 186, 169) }
```

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

Here you see how a box with a 4 pixel rgb(201, 186, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 186, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 186, 169);  
box-shadow:4px 4px 4px 4px rgb(201, 186,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 50.3999, 0.3392, 0.3502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 186, 169) }
```

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

```
.background{ background-color: rgb(201,  
186, 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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