

Converting Colors

Yxy(52.1821, 0.3336, 0.3466)

Have a look what the booklet for
Yxy(52.1821, 0.3336, 0.3466)
contains.

Yxy(52.3396, 0.3336, 0.3476)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(52.3396, 0.3336, 0.3476)

Conversions

Conversions Part 1

Format	Color
Hex	C9BEAF
RGB	201, 190, 175
RGB Percent	79%, 75%, 69%
CMY	0.2119, 0.2548, 0.3138
CMYK	0.00, 0.05, 0.13, 0.21
HSL	35°, 19%, 74%
HSV	35°, 13%, 79%
XYZ	50.2316, 52.3396, 48.0031
YIQ	191.5790, 11.3710, -2.3330

Conversions

Conversions Part 2

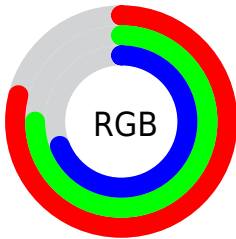
Format	Color
RYB	194, 201, 175
Decimal	13221551
CIELab	77.48, 1.30, 8.96
CIElCh	77, 9.055, 81.723
Yxy	52.3396, 0.3336, 0.3476
Android (android.graphics.Color)	4291411631 (0xFFC9BEAF)
YUV	191.5790, -8.1734, 8.2622
Hunter-Lab	72.3461, -2.6691, 11.3022

Details

The Yxy color $52.3396, 0.3336, 0.3476$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $48.4200, 0.2927, 0.3097$, and the grayscale version is $52.4963, 0.3127, 0.3290$.

A 20% lighter version of the original color is $92.9411, 0.3277, 0.3437$, and $25.5244, 0.3389, 0.3523$ is the 20% darker color. If you saturate the color by 10%, you get $48.0456, 0.3520, 0.3628$, and if you desaturate by 10%, it is $56.9692, 0.3172, 0.3331$.

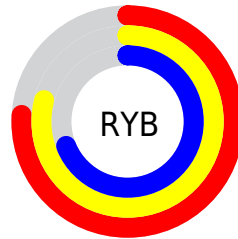
Distribution



Red (79%)

Green (75%)

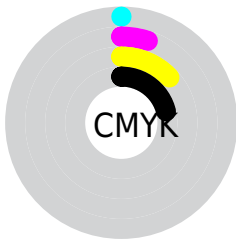
Blue (69%)



Red (76%)

Yellow (79%)

Blue (69%)

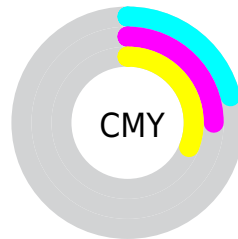


Cyan (0%)

Magenta (5%)

Yellow (13%)

Black (21%)



Cyan (21%)

Magenta (25%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.3396, 0.3336, 0.3476 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 52.3396, 0.3336, 0.3476 by changing the saturation by 10% instead.

■ 52.3396, 0.3336,
0.3476

■ 52.3396, 0.3336,
0.3476

395.7463, 0.3233,
0.3385

■ 37.2758, 0.3361,
0.3498

■ 93.6319, 0.3299,
0.3443

■ 25.4211, 0.3393,
0.3526

120.6292, 0.3285,
0.3431

■ 16.3911, 0.3435,
0.3563

152.3731, 0.3273,
0.3421

■ 9.8013, 0.3492,
0.3613

189.2481, 0.3263,
0.3412

■ 5.2674, 0.3576,
0.3685

231.6385, 0.3254,
0.3404

■ 2.4050, 0.3709,
0.3798

279.9288, 0.3246,

■ 0.8285, 0.4260,

0.3397

0.4307

334.5032, 0.3240,
0.3391

0.0000, 0.0000,
0.0000

52.3396, 0.3336,
0.3476

52.3396, 0.3336,
0.3476

48.0456, 0.3520,
0.3628

56.9692, 0.3172,
0.3331

44.0714, 0.3724,
0.3782

61.9357, 0.3026,
0.3195

40.4101, 0.3946,
0.3933

67.2494, 0.2898,
0.3068

37.0518, 0.4181,
0.4073

72.8941, 0.2787,
0.2955

33.9862, 0.4423,
0.4191

77.5598, 0.2794,
0.3048

■ 31.2016, 0.4660,
0.4275

■ 82.4556, 0.2800,
0.3139

■ 28.6855, 0.4880,
0.4314

■ 87.5846, 0.2806,
0.3230

■ 26.4232, 0.5069,
0.4300

■ 91.1536, 0.2810,
0.3289

■ 24.9617, 0.5186,
0.4264

Harmonies

Analogous

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



52.3396, 0.3368, 0.3399



52.3396, 0.3336, 0.3476



52.3396, 0.3248, 0.3504

Triad

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



52.3396, 0.3336, 0.3476



52.3396, 0.2925, 0.3278



52.3396, 0.3122, 0.3117

Complementary

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



52.3396, 0.3336, 0.3476



48.4200, 0.2927, 0.3097

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.



52.3396, 0.3005, 0.3084



52.3396, 0.3336, 0.3476



52.3396, 0.2893, 0.3174

Square

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



52.3396, 0.3336, 0.3476



52.3396, 0.3011, 0.3389



52.3396, 0.2921, 0.3104



52.3396, 0.3243, 0.3194

Rectangle

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



52.3396, 0.3336, 0.3476



52.3396, 0.3170, 0.3489



52.3396, 0.2921, 0.3104



52.3396, 0.3081, 0.3100

Sweetspot

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



52.3419, 0.3336, 0.3476



96.6474, 0.3189, 0.3347



46.6226, 0.3264, 0.3151



20.5539, 0.3201, 0.3358



0.0000, 0.0000, 0.0000



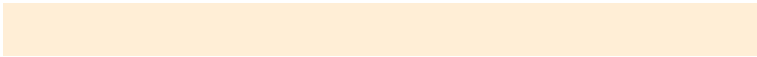
21.4041, 0.3127, 0.3290

Same Dimension

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



52.3419, 0.3336, 0.3476



87.1579, 0.3394, 0.3525



57.0296, 0.3305, 0.3608



11.6387, 0.3275, 0.3424



15.8843, 0.5168, 0.4279



0.8932, 0.4912, 0.4482

Inverse Universe

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



48.4200, 0.2927, 0.3097



78.9223, 0.2873, 0.3043



44.1829, 0.2937, 0.2954



11.0101, 0.2983, 0.3153



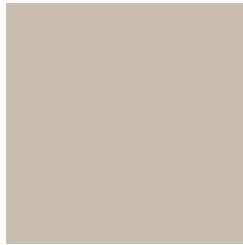
6.8832, 0.1707, 0.1343



0.4686, 0.1822, 0.1759

Previews

White Background



This preview shows how the Yxy color 52.3396, 0.3336, 0.3476 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 52.3396, 0.3336, 0.3476 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

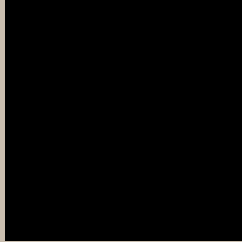
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

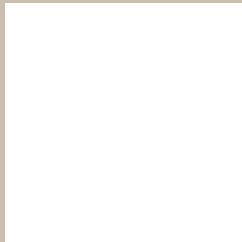
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.3396, 0.3336, 0.3476

Background



This preview shows how black text looks on a background with the Yxy color 52.3396, 0.3336, 0.3476.

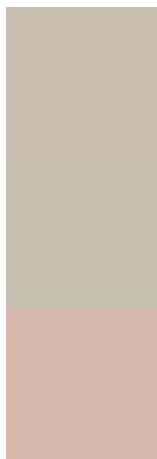


This preview shows how white text looks on a background with the Yxy color 52.3396, 0.3336, 0.3476.

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

52.3396, 0.3336, 0.3476

Protanopia

52.4989, 0.3318, 0.3489

Deuteranopia

52.4314, 0.3467, 0.3398



Tritanopia

52.3140, 0.3169, 0.3111

Trichromacy



Original Color

52.3396, 0.3336, 0.3476

Protanomaly

52.6361, 0.3326, 0.3488

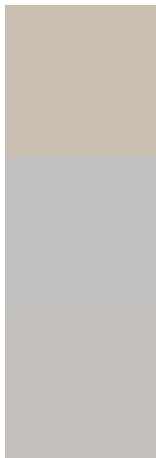
Deuteranomaly

52.5241, 0.3420, 0.3423

Tritanomaly

52.1838, 0.3230, 0.3230

Monochromacy



Original Color

52.3396, 0.3336, 0.3476

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.4089, 0.3198, 0.3352

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.3396, 0.3336, 0.3476 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, 190, 175)` looks like.

```
.text, #text, p{  
    color:rgb(201, 190, 175)  
}
```

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, 190, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 190, 175) }
```

Border

The CSS property to change the border of an element to Yxy 52.3396, 0.3336, 0.3476 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, 190, 175) }
```

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

```
.border{ border-color:rgb(201, 190, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 190, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(201, 190, 175); -webkit-box-shadow:4px 4px 4px 4px rgb(201, 190, 175); box-shadow:4px 4px 4px 4px rgb(201, 190, 175) }
```


Background

The CSS property to change the background color of an element to Yxy 52.3396, 0.3336, 0.3476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 190, 175) }
```

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

```
.background{ background-color: rgb(201,  
190, 175) }
```

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