

Converting Colors

$Y_{xy}(42.9165, 0.3227, 0.3389)$

Have a look what the booklet for
Yxy(42.9165, 0.3227, 0.3389)
contains.

Yxy(43.0337, 0.3229, 0.3398)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(43.0337, 0.3229, 0.3398)

Conversions

Conversions Part 1

Format	Color
Hex	B3AFA7
RGB	179, 175, 167
RGB Percent	70%, 69%, 65%
CMY	0.2981, 0.3137, 0.3450
CMYK	0.00, 0.02, 0.07, 0.30
HSL	40°, 7%, 68%
HSV	40°, 7%, 70%
XYZ	40.8934, 43.0337, 42.7171
YIQ	175.2840, 4.9520, -1.6400

Conversions

Conversions Part 2

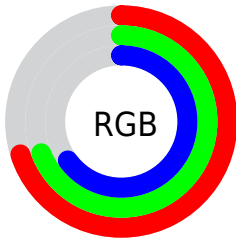
Format	Color
RYB	173, 179, 167
Decimal	11775911
CIELab	71.58, -0.03, 4.58
CIELCh	72, 4.584, 90.339
Yxy	43.0337, 0.3229, 0.3398
Android (android.graphics.Color)	4289965991 (0xFFB3AFA7)
YUV	175.2840, -4.0840, 3.2589
Hunter-Lab	65.6001, -3.5278, 7.3119

Details

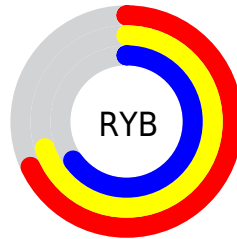
The Yxy color $43.0337, 0.3229, 0.3398$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $40.5931, 0.3026, 0.3180$, and the grayscale version is $43.0444, 0.3127, 0.3290$.

A 20% lighter version of the original color is $79.5297, 0.3213, 0.3374$, and $19.8393, 0.3256, 0.3440$ is the 20% darker color. If you saturate the color by 10%, you get $40.1554, 0.3395, 0.3566$, and if you desaturate by 10%, it is $46.1093, 0.3079, 0.3238$.

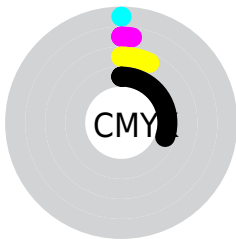
Distribution



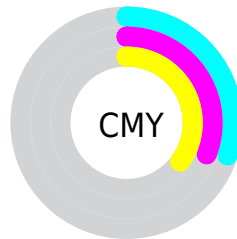
- Red (70%)
- Green (69%)
- Blue (65%)



- Red (68%)
- Yellow (70%)
- Blue (65%)



- Cyan (0%)
- Magenta (2%)
- Yellow (7%)
- Black (30%)



- Cyan (30%)
- Magenta (31%)
- Yellow (35%)
- Black (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.0337, 0.3229, 0.3398 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 43.0337, 0.3229, 0.3398 by changing the saturation by 10% instead.

■ 43.0337, 0.3229,
0.3398

■ 43.0337, 0.3229,
0.3398

■ 358.7503, 0.3177,
0.3343

■ 29.9116, 0.3242,
0.3412

■ 79.7617, 0.3210,
0.3378

■ 19.7715, 0.3259,
0.3430

■ 104.1364, 0.3203,
0.3370

■ 12.2290, 0.3282,
0.3454

■ 133.0307, 0.3197,
0.3364

■ 6.8999, 0.3315,
0.3489

■ 166.8290, 0.3192,
0.3359

■ 3.3995, 0.3364,
0.3541

■ 205.9157, 0.3188,
0.3354

■ 1.3437, 0.3450,
0.3632

■ 250.6752, 0.3184,

■ 0.1747, 0.4863,

0.3350

0.5137

301.4920, 0.3180,
0.3347

0.0000, 0.0000,
0.0000

43.0337, 0.3229,
0.3398

43.0337, 0.3229,
0.3398

40.1554, 0.3395,
0.3566

46.1093, 0.3079,
0.3238

37.4636, 0.3575,
0.3740

49.3813, 0.2945,
0.3088

34.9550, 0.3770,
0.3914

52.8561, 0.2825,
0.2949

32.6239, 0.3974,
0.4081

56.5383, 0.2718,
0.2821

30.4641, 0.4183,
0.4232

60.3345, 0.2632,
0.2719

■ 28.4693, 0.4388,
0.4356

■ 63.2275, 0.2640,
0.2789

■ 26.6320, 0.4579,
0.4444

■ 66.2298, 0.2647,
0.2858

■ 24.9440, 0.4746,
0.4485

■ 69.3423, 0.2655,
0.2927

■ 23.3945, 0.4884,
0.4477

■ 72.5663, 0.2663,
0.2995

Harmonies

Analogous

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



43.0337, 0.3255, 0.3364



43.0337, 0.3229, 0.3398



43.0337, 0.3175, 0.3403

Triad

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



43.0337, 0.3229, 0.3398



43.0337, 0.3009, 0.3267



43.0337, 0.3144, 0.3206

Complementary

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



43.0337, 0.3229, 0.3398



40.5931, 0.3026, 0.3180

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.



43.0337, 0.3078, 0.3180



43.0337, 0.3229, 0.3398



43.0337, 0.3001, 0.3215

Square

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



43.0337, 0.3229, 0.3398



43.0337, 0.3048, 0.3327



43.0337, 0.3026, 0.3183



43.0337, 0.3206, 0.3253

Rectangle

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



43.0337, 0.3229, 0.3398



43.0337, 0.3132, 0.3389



43.0337, 0.3026, 0.3183



43.0337, 0.3122, 0.3194

Sweetspot

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



43.0356, 0.3229, 0.3398



79.6100, 0.3157, 0.3322



40.1652, 0.3203, 0.3236



17.6507, 0.3156, 0.3321



91.1408, 0.3127, 0.3290



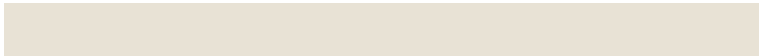
17.8868, 0.3127, 0.3290

Same Dimension

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



43.0356, 0.3229, 0.3398



76.3232, 0.3252, 0.3422



44.3697, 0.3207, 0.3452



9.4216, 0.3271, 0.3442



16.3123, 0.4916, 0.4478



0.6150, 0.4669, 0.4675

Inverse Universe

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



40.5931, 0.3026, 0.3180



71.0514, 0.3004, 0.3155



39.3332, 0.3045, 0.3125



8.6760, 0.2985, 0.3134



4.6510, 0.1639, 0.1101



0.2562, 0.1804, 0.1694

Previews

White Background



This preview shows how the Yxy color 43.0337, 0.3229, 0.3398 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 43.0337, 0.3229, 0.3398 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

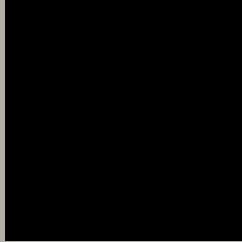
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

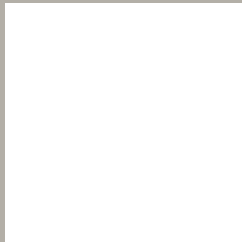
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.0337, 0.3229, 0.3398

Background



This preview shows how black text looks on a background with the Yxy color 43.0337, 0.3229, 0.3398.



This preview shows how white text looks on a background with the Yxy color 43.0337, 0.3229, 0.3398.

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

43.0337, 0.3229, 0.3398

Protanopia

43.1533, 0.3238, 0.3398

Deuteranopia

42.8052, 0.3377, 0.3304



Tritanopia

42.9953, 0.3100, 0.3107

Trichromacy



Original Color

43.0337, 0.3229, 0.3398

Protanomaly

43.1533, 0.3238, 0.3398

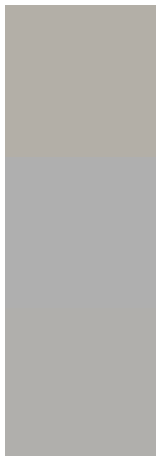
Deuteranomaly

42.7718, 0.3318, 0.3330

Tritanomaly

42.9656, 0.3149, 0.3211

Monochromacy



Original Color

43.0337, 0.3229, 0.3398

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.8686, 0.3161, 0.3331

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.0337, 0.3229, 0.3398 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(179, 175, 167)` looks like.

```
.text, #text, p{  
    color:rgb(179, 175, 167)  
}
```

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(179, 175, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 175, 167) }
```

Border

The CSS property to change the border of an element to Yxy 43.0337, 0.3229, 0.3398 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(179, 175, 167) }
```

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

```
.border{ border-color:rgb(179, 175, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 175, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 175, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 175, 167);  
box-shadow:4px 4px 4px 4px rgb(179, 175,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 43.0337, 0.3229, 0.3398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 175, 167) }
```

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

```
.background{ background-color: rgb(179,  
175, 167) }
```

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