

Converting Colors

$Y_{xy}(44.0260, 0.3365, 0.3345)$

Have a look what the booklet for
Yxy(44.0260, 0.3365, 0.3345)
contains.

Yxy(43.8015, 0.3363, 0.3342)	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(43.8015, 0.3363, 0.3342)

Conversions

Conversions Part 1

Format	Color
Hex	C2ACA8
RGB	194, 172, 168
RGB Percent	76%, 67%, 66%
CMY	0.2391, 0.3255, 0.3411
CMYK	0.00, 0.11, 0.13, 0.24
HSL	9°, 18%, 71%
HSV	9°, 13%, 76%
XYZ	44.0767, 43.8015, 43.1855
YIQ	178.1220, 14.3960, 3.4200

Conversions

Conversions Part 2

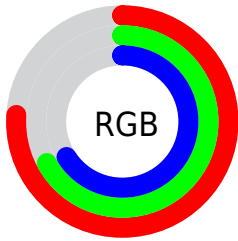
Format	Color
RYB	194, 173, 168
Decimal	12758184
CIELab	72.10, 7.29, 4.94
CIElCh	72, 8.810, 34.136
Yxy	43.8015, 0.3363, 0.3342
Android (android.graphics.Color)	4290948264 (0xFFC2ACA8)
YUV	178.1220, -4.9901, 13.9250
Hunter-Lab	66.1827, 3.0587, 7.6400

Details

The Yxy color **43.8015, 0.3363, 0.3342** is a light color, and the websafe version is hex **999999**. A complement of this color would be **49.0787, 0.2924, 0.3237**, and the grayscale version is **44.6133, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.7751, 0.3323, 0.3331**, and **20.2693, 0.3430, 0.3361** is the 20% darker color. If you saturate the color by 10%, you get **37.2577, 0.3584, 0.3384**, and if you desaturate by 10%, it is **51.2314, 0.3181, 0.3303**.

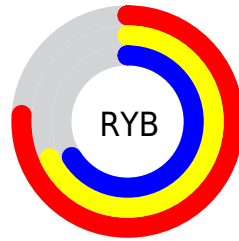
Distribution



Red (76%)

Green (67%)

Blue (66%)



Red (76%)

Yellow (68%)

Blue (66%)

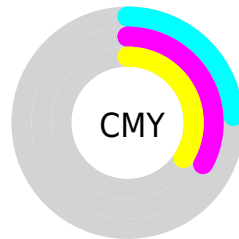


Cyan (0%)

Magenta (11%)

Yellow (13%)

Black (24%)



Cyan (24%)


Magenta (33%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.8015, 0.3363, 0.3342 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 43.8015, 0.3363, 0.3342 by changing the saturation by 10% instead.

 43.8015, 0.3363,
0.3342


 43.8015, 0.3363,
0.3342


361.8976, 0.3243,
0.3317

 30.5145, 0.3394,
0.3348


 80.9190, 0.3319,
0.3333

 20.2294, 0.3433,
0.3356


 105.5182, 0.3303,
0.3330

 12.5619, 0.3486,
0.3365


134.6570, 0.3289,
0.3327

 7.1276, 0.3562,
0.3379

168.7197, 0.3277,
0.3324

 3.5420, 0.3678,
0.3397

208.0907, 0.3267,
0.3322

 1.4208, 0.3878,
0.3423

253.1544, 0.3258,

 0.2320, 0.6320,

0.3320

0.3680

304.2953, 0.3250,
0.3318

0.0000, 0.0000,
0.0000

43.8015, 0.3363,
0.3342

43.8015, 0.3363,
0.3342

37.2577, 0.3584,
0.3384

51.2314, 0.3181,
0.3303

31.5612, 0.3852,
0.3427

59.5728, 0.3032,
0.3266

26.6790, 0.4173,
0.3468

68.8572, 0.2909,
0.3233

22.5737, 0.4546,
0.3503

79.1128, 0.2808,
0.3203

19.2049, 0.4962,
0.3525

89.7035, 0.2773,
0.3281

■ 16.5286, 0.5393,
0.3527

■ 90.2143, 0.2773,
0.3289

■ 14.4959, 0.5794,
0.3502

■ 13.0514, 0.6107,
0.3450

■ 12.3838, 0.6259,
0.3413

Harmonies

Analogous

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



43.8015, 0.3291, 0.3233



43.8015, 0.3363, 0.3342



43.8015, 0.3370, 0.3440

Triad

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



43.8015, 0.3363, 0.3342



43.8015, 0.3076, 0.3448



43.8015, 0.2944, 0.3082

Complementary

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



43.8015, 0.3363, 0.3342



49.0787, 0.2924, 0.3237

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.



43.8015, 0.2890, 0.3135



43.8015, 0.3363, 0.3342



43.8015, 0.2965, 0.3346

Square

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



43.8015, 0.3363, 0.3342



43.8015, 0.3203, 0.3505



43.8015, 0.2897, 0.3231



43.8015, 0.3048, 0.3085

Rectangle

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



43.8015, 0.3363, 0.3342



43.8015, 0.3337, 0.3486



43.8015, 0.2897, 0.3231



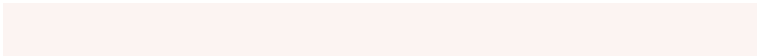
43.8015, 0.2920, 0.3094

Sweetspot

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



43.8034, 0.3363, 0.3342



91.8489, 0.3192, 0.3305



43.2098, 0.3176, 0.3011



19.8773, 0.3205, 0.3308



0.0000, 0.0000, 0.0000



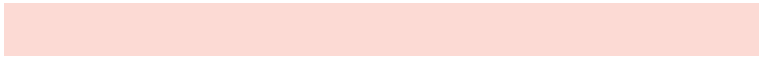
21.4041, 0.3127, 0.3290

Same Dimension

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



43.8034, 0.3363, 0.3342



75.7952, 0.3422, 0.3354



48.9710, 0.3341, 0.3506



10.3206, 0.3285, 0.3326



8.2159, 0.6241, 0.3426



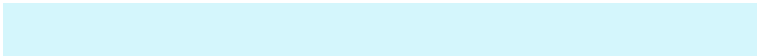
0.4357, 0.5869, 0.3722

Inverse Universe

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



49.0787, 0.2924, 0.3237



87.1468, 0.2881, 0.3225



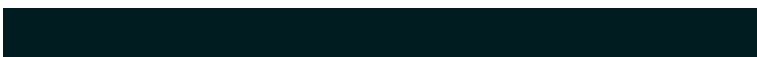
43.7172, 0.2919, 0.3064



11.1580, 0.2984, 0.3254



20.2044, 0.2112, 0.2803



0.9454, 0.2145, 0.2922

Previews

White Background



This preview shows how the Yxy color 43.8015, 0.3363, 0.3342 looks on a white background.

Color Contrast Check

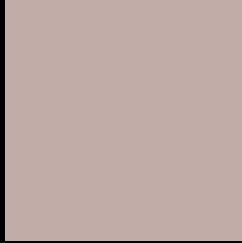
Large Text (above 18pt) WCAG AA × Fail

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 43.8015, 0.3363, 0.3342 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 43.8015, 0.3363, 0.3342

Background



This preview shows how black text looks on a background with the Yxy color 43.8015, 0.3363, 0.3342.



This preview shows how white text looks on a background with the Yxy color 43.8015, 0.3363, 0.3342.

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

43.8015, 0.3363, 0.3342

Protanopia

43.8980, 0.3230, 0.3370

Deuteranopia

43.8233, 0.3393, 0.3329



Tritanopia

43.9041, 0.3253, 0.3126

Trichromacy



Original Color

43.8015, 0.3363, 0.3342

Protanomaly

43.9636, 0.3276, 0.3370

Deuteranomaly

43.6887, 0.3383, 0.3329

Tritanomaly

43.9423, 0.3286, 0.3201

Monochromacy



Original Color

43.8015, 0.3363, 0.3342

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.2970, 0.3214, 0.3317

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.8015, 0.3363, 0.3342 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(194, 172, 168)` looks like.

```
.text, #text, p{  
    color:rgb(194, 172, 168)  
}
```

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(194, 172, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 172, 168) }
```

Border

The CSS property to change the border of an element to Yxy 43.8015, 0.3363, 0.3342 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(194, 172, 168) }
```

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

```
.border{ border-color:rgb(194, 172, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 172, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 172, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 172, 168);  
box-shadow:4px 4px 4px 4px rgb(194, 172,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 43.8015, 0.3363, 0.3342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 172, 168) }
```

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

```
.background{ background-color: rgb(194,  
172, 168) }
```

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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