

Converting Colors

$Yxy(45.2642, 0.3352, 0.3363)$

Have a look what the booklet for
Yxy(45.2642, 0.3352, 0.3363)
contains.

Yxy(45.1643, 0.3349, 0.3355)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(45.1643, 0.3349, 0.3355)

Conversions

Conversions Part 1

Format	Color
Hex	C3AFAA
RGB	195, 175, 170
RGB Percent	76%, 69%, 67%
CMY	0.2354, 0.3137, 0.3333
CMYK	0.00, 0.10, 0.13, 0.24
HSL	12°, 17%, 72%
HSV	12°, 13%, 76%
XYZ	45.0835, 45.1643, 44.3701
YIQ	180.4100, 13.5250, 2.6850

Conversions

Conversions Part 2

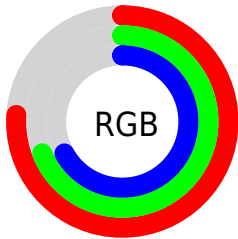
Format	Color
RYB	195, 176, 170
Decimal	12824490
CIELab	73.00, 6.32, 5.17
CIELCh	73, 8.165, 39.299
Yxy	45.1643, 0.3349, 0.3355
Android (android.graphics.Color)	4291014570 (0xFFC3AFAA)
YUV	180.4100, -5.1321, 12.7954
Hunter-Lab	67.2044, 2.1376, 7.8983

Details

The Yxy color **45.1643, 0.3349, 0.3355** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.2855, 0.2932, 0.3224**, and the grayscale version is **45.8951, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.2835, 0.3311, 0.3351**, and **21.1366, 0.3410, 0.3378** is the 20% darker color. If you saturate the color by 10%, you get **38.7642, 0.3564, 0.3410**, and if you desaturate by 10%, it is **52.3772, 0.3171, 0.3304**.

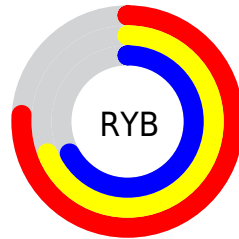
Distribution



Red (76%)

Green (69%)

Blue (67%)



Red (76%)

Yellow (69%)

Blue (67%)

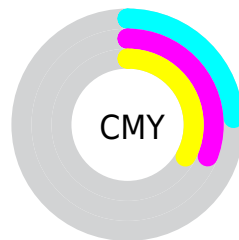


Cyan (0%)

Magenta (10%)

Yellow (13%)

Black (24%)



Cyan (24%)


Magenta (31%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.1643, 0.3349, 0.3355 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 45.1643, 0.3349, 0.3355 by changing the saturation by 10% instead.


 45.1643, 0.3349,
0.3355

 45.1643, 0.3349,
0.3355


367.4386, 0.3237,
0.3323

 31.5869, 0.3377,
0.3363


 82.9669, 0.3308,
0.3344

 21.0461, 0.3414,
0.3372


107.9609, 0.3293,
0.3339

 13.1577, 0.3463,
0.3385


137.5291, 0.3280,
0.3336

 7.5372, 0.3533,
0.3402

172.0560, 0.3269,
0.3333

 3.8003, 0.3638,
0.3427

211.9261, 0.3259,
0.3330

 1.5625, 0.3817,
0.3464

257.5236, 0.3251,

 0.3321, 0.5859,

0.3327

0.4141

309.2329, 0.3244,
0.3325

0.0000, 0.0000,
0.0000

45.1643, 0.3349,
0.3355

45.1643, 0.3349,
0.3355

38.7642, 0.3564,
0.3410

52.3772, 0.3171,
0.3304

33.1424, 0.3821,
0.3466

60.4239, 0.3024,
0.3256

28.2708, 0.4127,
0.3520

69.3322, 0.2902,
0.3213

24.1172, 0.4482,
0.3567

79.1267, 0.2800,
0.3174

20.6473, 0.4877,
0.3600

89.0010, 0.2776,
0.3267

■ 17.8237, 0.5290,
0.3609

■ 90.3370, 0.2778,
0.3289

■ 15.6052, 0.5682,
0.3586

■ 13.9457, 0.6003,
0.3527

■ 13.0618, 0.6180,
0.3475

Harmonies

Analogous

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



45.1643, 0.3292, 0.3255



45.1643, 0.3349, 0.3355



45.1643, 0.3345, 0.3441

Triad

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



45.1643, 0.3349, 0.3355



45.1643, 0.3061, 0.3421



45.1643, 0.2973, 0.3096

Complementary

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



45.1643, 0.3349, 0.3355



49.2855, 0.2932, 0.3224

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.



45.1643, 0.2914, 0.3136



45.1643, 0.3349, 0.3355



45.1643, 0.2964, 0.3323

Square

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



45.1643, 0.3349, 0.3355



45.1643, 0.3177, 0.3481



45.1643, 0.2911, 0.3219



45.1643, 0.3074, 0.3107

Rectangle

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



45.1643, 0.3349, 0.3355



45.1643, 0.3308, 0.3478



45.1643, 0.2911, 0.3219



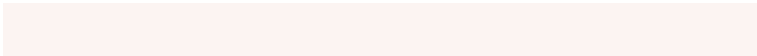
45.1643, 0.2948, 0.3104

Sweetspot

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



45.1663, 0.3349, 0.3355



92.1435, 0.3192, 0.3310



44.0620, 0.3184, 0.3039



19.9533, 0.3205, 0.3314



0.0000, 0.0000, 0.0000



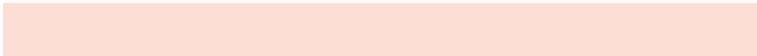
21.4041, 0.3127, 0.3290

Same Dimension

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



45.1663, 0.3349, 0.3355



78.0123, 0.3397, 0.3368



50.2406, 0.3328, 0.3511



10.3987, 0.3284, 0.3337



8.5905, 0.6159, 0.3492



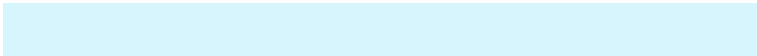
0.4705, 0.5733, 0.3830

Inverse Universe

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



49.2855, 0.2932, 0.3224



86.6454, 0.2896, 0.3211



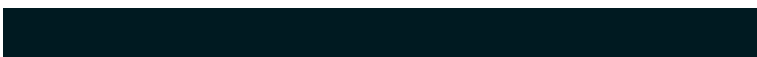
44.1213, 0.2928, 0.3058



11.0732, 0.2984, 0.3243



18.0884, 0.2066, 0.2638



0.8710, 0.2111, 0.2800

Previews

White Background



This preview shows how the Yxy color 45.1643, 0.3349, 0.3355 looks on a white background.

Color Contrast Check

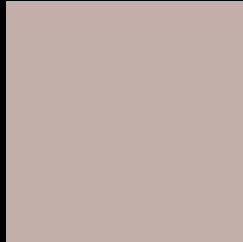
Large Text (above 18pt) WCAG AA × Fail

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 45.1643, 0.3349, 0.3355 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

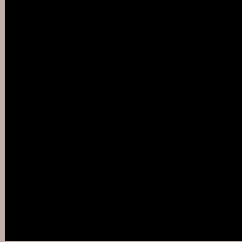
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.1643, 0.3349, 0.3355

Background



This preview shows how black text looks on a background with the Yxy color 45.1643, 0.3349, 0.3355.



This preview shows how white text looks on a background with the Yxy color 45.1643, 0.3349, 0.3355.

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

45.1643, 0.3349, 0.3355

Protanopia

45.4091, 0.3228, 0.3382

Deuteranopia

45.0688, 0.3399, 0.3329



Tritanopia

45.3026, 0.3233, 0.3127

Trichromacy



Original Color

45.1643, 0.3349, 0.3355

Protanomaly

45.4724, 0.3273, 0.3382

Deuteranomaly

45.1801, 0.3379, 0.3342

Tritanomaly

45.3032, 0.3274, 0.3214

Monochromacy



Original Color

45.1643, 0.3349, 0.3355

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.2897, 0.3205, 0.3316

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.1643, 0.3349, 0.3355 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(195, 175, 170)` looks like.

```
.text, #text, p{  
    color:rgb(195, 175, 170)  
}
```

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(195, 175, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 175, 170) }
```

Border

The CSS property to change the border of an element to Yxy 45.1643, 0.3349, 0.3355 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(195, 175, 170) }
```

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

```
.border{ border-color:rgb(195, 175, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 175, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 175, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 175, 170);  
box-shadow:4px 4px 4px 4px rgb(195, 175,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 45.1643, 0.3349, 0.3355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 175, 170) }
```

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

```
.background{ background-color: rgb(195,  
175, 170) }
```

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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