

Converting Colors

$Yxy(45.9852, 0.3348, 0.3352)$

Have a look what the booklet for
Yxy(45.9852, 0.3348, 0.3352)
contains.

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Color

Yxy(45.8995, 0.3349, 0.3341)

Conversions

Conversions Part 1

Format	Color
Hex	C5B0AC
RGB	197, 176, 172
RGB Percent	77%, 69%, 67%
CMY	0.2272, 0.3099, 0.3254
CMYK	0.00, 0.11, 0.13, 0.23
HSL	10°, 18%, 72%
HSV	10°, 13%, 77%
XYZ	46.0094, 45.8995, 45.4736
YIQ	181.8230, 13.8000, 3.2080

Conversions

Conversions Part 2

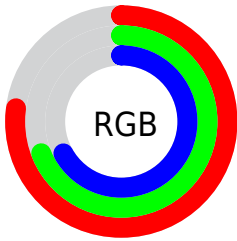
Format	Color
RYB	197, 177, 172
Decimal	12955820
CIELab	73.48, 6.90, 4.78
CIELCh	73, 8.394, 34.717
Yxy	45.8995, 0.3349, 0.3341
Android (android.graphics.Color)	4291145900 (0xFFC5B0AC)
YUV	181.8230, -4.8427, 13.3102
Hunter-Lab	67.7492, 2.6608, 7.6286

Details

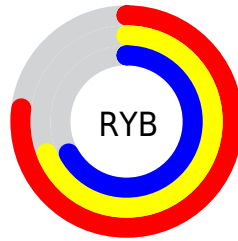
The Yxy color **45.8995, 0.3349, 0.3341** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.9859, 0.2934, 0.3238**, and the grayscale version is **46.7035, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.3301, 0.3311, 0.3340**, and **21.6110, 0.3409, 0.3360** is the 20% darker color. If you saturate the color by 10%, you get **39.0890, 0.3567, 0.3384**, and if you desaturate by 10%, it is **53.6209, 0.3170, 0.3300**.

Distribution



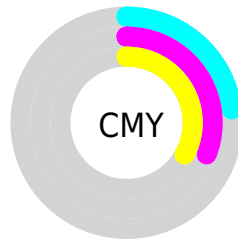
- Red (77%)
- Green (69%)
- Blue (67%)



- Red (77%)
- Yellow (69%)
- Blue (67%)



- Cyan (0%)
- Magenta (11%)
- Yellow (13%)
- Black (23%)





- Cyan (23%)
- Magenta (31%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.8995, 0.3349, 0.3341 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 45.8995, 0.3349, 0.3341 by changing the saturation by 10% instead.


 45.8995, 0.3349,
0.3341

 45.8995, 0.3349,
0.3341

370.4045, 0.3237,
0.3316

 32.1665, 0.3377,
0.3347


 84.0686, 0.3308,
0.3332

 21.4887, 0.3414,
0.3354


109.2735, 0.3293,
0.3329

 13.4817, 0.3462,
0.3364


139.0711, 0.3280,
0.3326

 7.7611, 0.3531,
0.3377

173.8459, 0.3269,
0.3324

 3.9425, 0.3635,
0.3394

213.9822, 0.3259,
0.3321

 1.6414, 0.3810,
0.3421

259.8645, 0.3251,

 0.3853, 0.5318,

0.3320

0.3833

311.8771, 0.3244,
0.3318

0.0000, 0.0000,
0.0000

45.8995, 0.3349,
0.3341

45.8995, 0.3349,
0.3341

39.0890, 0.3567,
0.3384

53.6209, 0.3170,
0.3300

33.1498, 0.3831,
0.3429

62.2788, 0.3023,
0.3263

28.0485, 0.4147,
0.3471

71.9053, 0.2901,
0.3229

23.7471, 0.4515,
0.3509

82.5292, 0.2801,
0.3198

20.2048, 0.4927,
0.3533

90.6176, 0.2789,
0.3289

■ 17.3768, 0.5357,
0.3537

■ 15.2140, 0.5760,
0.3514

■ 13.6606, 0.6082,
0.3462

■ 12.8685, 0.6252,
0.3418

Harmonies

Analogous

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



45.8995, 0.3283, 0.3238



45.8995, 0.3349, 0.3341



45.8995, 0.3355, 0.3433

Triad

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



45.8995, 0.3349, 0.3341



45.8995, 0.3077, 0.3436



45.8995, 0.2957, 0.3095

Complementary

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



45.8995, 0.3349, 0.3341



50.9859, 0.2934, 0.3238

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.



45.8995, 0.2905, 0.3143



45.8995, 0.3349, 0.3341



45.8995, 0.2973, 0.3341

Square

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



45.8995, 0.3349, 0.3341



45.8995, 0.3196, 0.3491



45.8995, 0.2910, 0.3232



45.8995, 0.3055, 0.3098

Rectangle

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



45.8995, 0.3349, 0.3341



45.8995, 0.3323, 0.3475



45.8995, 0.2910, 0.3232



45.8995, 0.2934, 0.3105

Sweetspot

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



45.9015, 0.3349, 0.3341



94.0049, 0.3192, 0.3306



45.2538, 0.3173, 0.3026



19.8862, 0.3205, 0.3309



0.0000, 0.0000, 0.0000



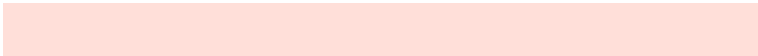
21.4041, 0.3127, 0.3290

Same Dimension

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



45.9015, 0.3349, 0.3341



78.9295, 0.3400, 0.3352



50.9482, 0.3329, 0.3494



10.9037, 0.3286, 0.3327



8.5397, 0.6234, 0.3432



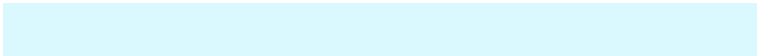
0.4924, 0.5876, 0.3717

Inverse Universe

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



50.9859, 0.2934, 0.3238



89.6491, 0.2896, 0.3227



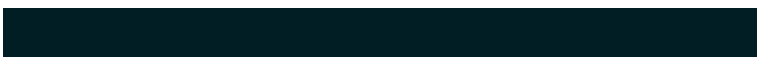
45.7656, 0.2930, 0.3077



11.7704, 0.2984, 0.3252



20.6435, 0.2107, 0.2783



1.0564, 0.2139, 0.2899

Previews

White Background



This preview shows how the Yxy color 45.8995, 0.3349, 0.3341 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 45.8995, 0.3349, 0.3341 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

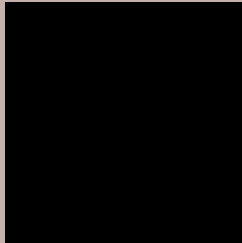
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.8995, 0.3349, 0.3341

Background



This preview shows how black text looks on a background with the Yxy color 45.8995, 0.3349, 0.3341.



This preview shows how white text looks on a background with the Yxy color 45.8995, 0.3349, 0.3341.

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

45.8995, 0.3349, 0.3341

Protanopia

46.0128, 0.3219, 0.3369

Deuteranopia

45.6682, 0.3389, 0.3316



Tritanopia

46.0021, 0.3241, 0.3128

Trichromacy



Original Color

45.8995, 0.3349, 0.3341

Protanomaly

46.0761, 0.3264, 0.3368

Deuteranomaly

45.9179, 0.3378, 0.3329

Tritanomaly

46.0431, 0.3273, 0.3203

Monochromacy



Original Color

45.8995, 0.3349, 0.3341

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.4217, 0.3204, 0.3316

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.8995, 0.3349, 0.3341 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(197, 176, 172)` looks like.

```
.text, #text, p{  
    color:rgb(197, 176, 172)  
}
```

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(197, 176, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 176, 172) }
```

Border

The CSS property to change the border of an element to Yxy 45.8995, 0.3349, 0.3341 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(197, 176, 172) }
```

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

```
.border{ border-color:rgb(197, 176, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 176, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 176, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 176, 172);  
box-shadow:4px 4px 4px 4px rgb(197, 176,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 45.8995, 0.3349, 0.3341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 176, 172) }
```

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

```
.background{ background-color: rgb(197,  
176, 172) }
```

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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