

Converting Colors

$Y_{xy}(45.6859, 0.3475, 0.3353)$

Have a look what the booklet for
Yxy(45.6859, 0.3475, 0.3353)
contains.

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Color

Yxy(45.8361, 0.3472, 0.3353)

Conversions

Conversions Part 1

Format	Color
Hex	CEADA8
RGB	206, 173, 168
RGB Percent	81%, 68%, 66%
CMY	0.1922, 0.3215, 0.3411
CMYK	0.00, 0.16, 0.18, 0.19
HSL	8°, 28%, 73%
HSV	8°, 18%, 81%
XYZ	47.4629, 45.8361, 43.4028
YIQ	182.2970, 21.2730, 5.4410

Conversions

Conversions Part 2

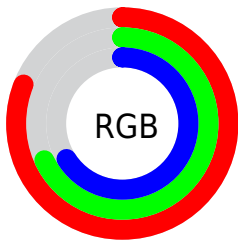
Format	Color
R _{YB}	206, 174, 168
Decimal	13544872
CIE _{Lab}	73.44, 11.17, 7.01
CIE _{LCh}	73, 13.188, 32.130
Yxy	45.8361, 0.3472, 0.3353
Android (android.graphics.Color)	4291734952 (0xFFCEADA8)
YUV	182.2970, -7.0484, 20.7875
Hunter-Lab	67.7024, 6.6586, 9.3819

Details

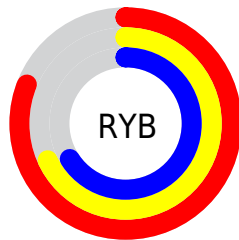
The Yxy color **45.8361, 0.3472, 0.3353** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **54.5543, 0.2849, 0.3226**, and the grayscale version is **46.9808, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.0745, 0.3350, 0.3341**, and **21.5150, 0.3569, 0.3375** is the 20% darker color. If you saturate the color by 10%, you get **38.7209, 0.3720, 0.3390**, and if you desaturate by 10%, it is **53.9961, 0.3269, 0.3318**.

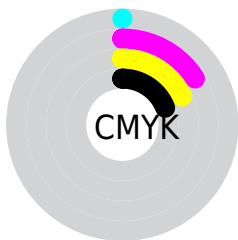
Distribution



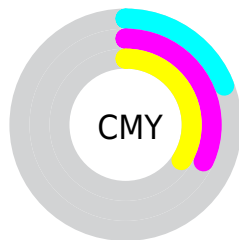
- Red (81%)
- Green (68%)
- Blue (66%)



- Red (81%)
- Yellow (68%)
- Blue (66%)



- Cyan (0%)
- Magenta (16%)
- Yellow (18%)
- Black (19%)




- Cyan (19%)
- Magenta (32%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.8361, 0.3472, 0.3353 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 45.8361, 0.3472, 0.3353 by changing the saturation by 10% instead.


 45.8361, 0.3472,
0.3353


 45.8361, 0.3472,
0.3353

370.1493, 0.3298,
0.3324

 32.1165, 0.3516,
0.3360

 83.9737, 0.3408,
0.3343

 21.4505, 0.3573,
0.3368


 109.1604, 0.3385,
0.3339

 13.4537, 0.3649,
0.3378

138.9383, 0.3365,
0.3335

 7.7417, 0.3756,
0.3390


173.6918, 0.3347,
0.3333

 3.9301, 0.3918,
0.3406

213.8053, 0.3332,
0.3330

 1.6345, 0.4191,
0.3423

259.6631, 0.3320,

 0.3807, 0.6250,

0.3328

0.3750

311.6496, 0.3308,
0.3326

0.0000, 0.0000,
0.0000

45.8361, 0.3472,
0.3353

45.8361, 0.3472,
0.3353

38.7209, 0.3720,
0.3390

53.9961, 0.3269,
0.3318

32.6022, 0.4020,
0.3427

63.2341, 0.3103,
0.3285

27.4373, 0.4376,
0.3460

73.5898, 0.2968,
0.3255

23.1780, 0.4783,
0.3485

85.0989, 0.2856,
0.3228

19.7717, 0.5221,
0.3495

91.8592, 0.2838,
0.3289

■ 17.1604, 0.5650,
0.3483

■ 15.2788, 0.6013,
0.3446

■ 14.0482, 0.6261,
0.3392

■ 13.9055, 0.6292,
0.3386

Harmonies

Analogous

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



45.8361, 0.3359, 0.3195



45.8361, 0.3472, 0.3353



45.8361, 0.3489, 0.3500

Triad

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



45.8361, 0.3472, 0.3353



45.8361, 0.3063, 0.3533



45.8361, 0.2851, 0.2988

Complementary

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



45.8361, 0.3472, 0.3353



54.5543, 0.2849, 0.3226

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.



45.8361, 0.2777, 0.3067



45.8361, 0.3472, 0.3353



45.8361, 0.2897, 0.3383

Square

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



45.8361, 0.3472, 0.3353



45.8361, 0.3249, 0.3612



45.8361, 0.2794, 0.3211



45.8361, 0.2998, 0.2988

Rectangle

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



45.8361, 0.3472, 0.3353



45.8361, 0.3444, 0.3573



45.8361, 0.2794, 0.3211



45.8361, 0.2817, 0.3006

Sweetspot

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



45.8382, 0.3472, 0.3353



90.8650, 0.3227, 0.3310



45.3766, 0.3186, 0.2887



19.2445, 0.3239, 0.3312



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.



45.8382, 0.3472, 0.3353



69.6508, 0.3562, 0.3367



53.3972, 0.3432, 0.3576



11.4472, 0.3287, 0.3321



8.6451, 0.6275, 0.3400



0.5259, 0.5973, 0.3639

Inverse Universe

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



54.5543, 0.2849, 0.3226



86.2569, 0.2794, 0.3211



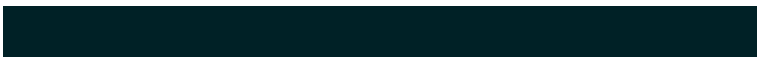
46.4746, 0.2836, 0.2986



12.4659, 0.2983, 0.3259



22.6844, 0.2131, 0.2873



1.2419, 0.2156, 0.2962

Previews

White Background



This preview shows how the Yxy color 45.8361, 0.3472, 0.3353 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 45.8361, 0.3472, 0.3353 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

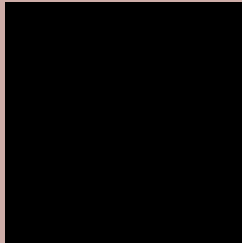
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.8361, 0.3472, 0.3353

Background



This preview shows how black text looks on a background with the Yxy color 45.8361, 0.3472, 0.3353.



This preview shows how white text looks on a background with the Yxy color 45.8361, 0.3472, 0.3353.

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

45.8361, 0.3472, 0.3353

Protanopia

46.0602, 0.3244, 0.3395

Deuteranopia

45.7958, 0.3442, 0.3366



Tritanopia

45.9964, 0.3352, 0.3132

Trichromacy



Original Color

45.8361, 0.3472, 0.3353

Protanomaly

45.7220, 0.3319, 0.3368

Deuteranomaly

45.9366, 0.3452, 0.3366

Tritanomaly

45.9848, 0.3394, 0.3217

Monochromacy



Original Color

45.8361, 0.3472, 0.3353

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.4909, 0.3248, 0.3316

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.8361, 0.3472, 0.3353 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(206, 173, 168)` looks like.

```
.text, #text, p{  
    color:rgb(206, 173, 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(206, 173, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 173, 168) }
```

Border

The CSS property to change the border of an element to Yxy 45.8361, 0.3472, 0.3353 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(206, 173, 168) }
```

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

```
.border{ border-color:rgb(206, 173, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 173, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 173, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 173, 168);  
box-shadow:4px 4px 4px 4px rgb(206, 173,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 45.8361, 0.3472, 0.3353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 173, 168) }
```

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

```
.background{ background-color: rgb(206,  
173, 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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