

Converting Colors

$Y_{xy}(45.8282, 0.3459, 0.3372)$

Have a look what the booklet for
Yxy(45.8282, 0.3459, 0.3372)
contains.

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Color

Yxy(45.8995, 0.3461, 0.3379)

Conversions

Conversions Part 1

Format	Color
Hex	CCAEA7
RGB	204, 174, 167
RGB Percent	80%, 68%, 65%
CMY	0.1999, 0.3176, 0.3452
CMYK	0.00, 0.15, 0.18, 0.20
HSL	11°, 27%, 73%
HSV	11°, 18%, 80%
XYZ	47.0134, 45.8995, 42.9247
YIQ	182.1720, 20.1270, 4.1830

Conversions

Conversions Part 2

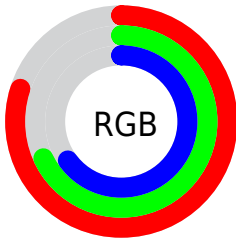
Format	Color
R _Y B	204, 176, 167
Decimal	13414055
CIE Lab	73.48, 9.73, 7.63
CIE LCh	73, 12.367, 38.081
Yxy	45.8995, 0.3461, 0.3379
Android (android.graphics.Color)	4291604135 (0xFFCCAEA7)
YUV	182.1720, -7.4798, 19.1432
Hunter-Lab	67.7492, 5.3059, 9.8593

Details

The Yxy color $45.8995, 0.3461, 0.3379$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $52.4956, 0.2852, 0.3199$, and the grayscale version is $46.9118, 0.3127, 0.3290$.

A 20% lighter version of the original color is $83.1276, 0.3354, 0.3370$, and $21.5464, 0.3553, 0.3410$ is the 20% darker color. If you saturate the color by 10%, you get $39.2077, 0.3700, 0.3432$, and if you desaturate by 10%, it is $53.5002, 0.3263, 0.3329$.

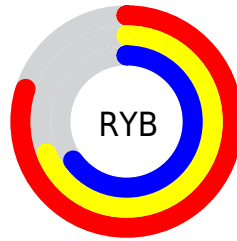
Distribution



Red (80%)

Green (68%)

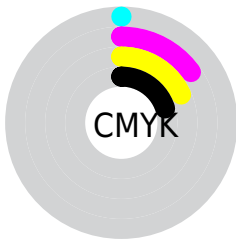
Blue (65%)



Red (80%)

Yellow (69%)

Blue (65%)

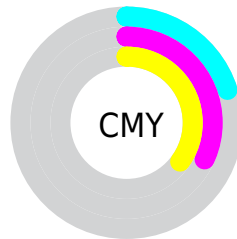


Cyan (0%)

Magenta (15%)

Yellow (18%)

Black (20%)



Cyan (20%)


Magenta (32%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.8995, 0.3461, 0.3379 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, 0.3461, 0.3379 by changing the saturation by 10% instead.


 45.8995, 0.3461,
0.3379


 45.8995, 0.3461,
0.3379

370.4045, 0.3293,
0.3337

 32.1665, 0.3504,
0.3389


 84.0686, 0.3399,
0.3364

 21.4887, 0.3558,
0.3401


 109.2735, 0.3376,
0.3358

 13.4817, 0.3632,
0.3417


139.0711, 0.3357,
0.3353

 7.7611, 0.3736,
0.3438

173.8459, 0.3340,
0.3349

 3.9425, 0.3892,
0.3466

213.9822, 0.3326,
0.3345

 1.6414, 0.4155,
0.3503

259.8645, 0.3313,

 0.3853, 0.6105,

0.3342

0.3895

311.8771, 0.3302,
0.3339

0.0000, 0.0000,
0.0000

45.8995, 0.3461,
0.3379

45.8995, 0.3461,
0.3379

39.2077, 0.3700,
0.3432

53.5002, 0.3263,
0.3329

33.3846, 0.3987,
0.3484

62.0358, 0.3099,
0.3282

28.3962, 0.4324,
0.3533

71.5389, 0.2964,
0.3239

24.2039, 0.4708,
0.3571

82.0387, 0.2852,
0.3199

20.7657, 0.5123,
0.3590

91.5795, 0.2827,
0.3289

■ 18.0359, 0.5535,
0.3581

■ 15.9637, 0.5896,
0.3538

■ 14.4884, 0.6162,
0.3468

■ 14.2736, 0.6204,
0.3456

Harmonies

Analogous

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



45.8995, 0.3371, 0.3230



45.8995, 0.3461, 0.3379



45.8995, 0.3458, 0.3511

Triad

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



45.8995, 0.3461, 0.3379



45.8995, 0.3033, 0.3494



45.8995, 0.2891, 0.3001

Complementary

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



45.8995, 0.3461, 0.3379



52.4956, 0.2852, 0.3199

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, 0.2806, 0.3061



45.8995, 0.3461, 0.3379



45.8995, 0.2887, 0.3346

Square

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



45.8995, 0.3461, 0.3379



45.8995, 0.3208, 0.3583



45.8995, 0.2805, 0.3186



45.8995, 0.3040, 0.3016

Rectangle

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



45.8995, 0.3461, 0.3379



45.8995, 0.3404, 0.3570



45.8995, 0.2805, 0.3186



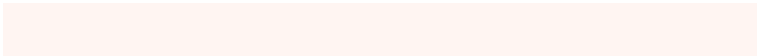
45.8995, 0.2854, 0.3013

Sweetspot

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



45.9016, 0.3461, 0.3379



92.7919, 0.3209, 0.3314



44.5066, 0.3206, 0.2922



19.6514, 0.3221, 0.3317



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.



45.9016, 0.3461, 0.3379



71.2518, 0.3554, 0.3401



53.4521, 0.3422, 0.3601



11.5527, 0.3285, 0.3335



9.0850, 0.6183, 0.3473



0.5745, 0.5815, 0.3765

Inverse Universe

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



52.4956, 0.2852, 0.3199



84.2587, 0.2791, 0.3176



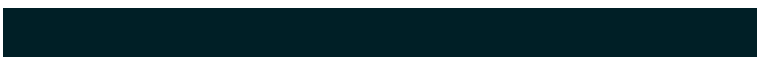
44.6922, 0.2839, 0.2958



12.3508, 0.2983, 0.3245



19.8702, 0.2077, 0.2675



1.1208, 0.2113, 0.2808

Previews

White Background



This preview shows how the Yxy color 45.8995, 0.3461, 0.3379 looks on a white background.

Color Contrast Check

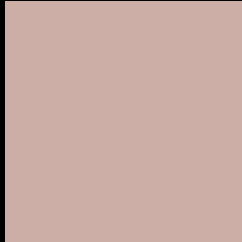
Large Text (above 18pt) WCAG AA × Fail

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, 0.3461, 0.3379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

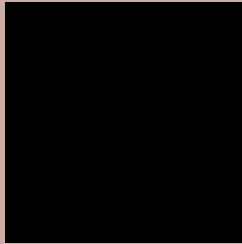
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.8995, 0.3461, 0.3379

Background



This preview shows how black text looks on a background with the Yxy color 45.8995, 0.3461, 0.3379.



This preview shows how white text looks on a background with the Yxy color 45.8995, 0.3461, 0.3379.

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, 0.3461, 0.3379

Protanopia

45.9839, 0.3261, 0.3421

Deuteranopia

45.7586, 0.3451, 0.3379



Tritanopia

45.7504, 0.3325, 0.3119

Trichromacy



Original Color

45.8995, 0.3461, 0.3379

Protanomaly

46.0428, 0.3335, 0.3406

Deuteranomaly

45.7586, 0.3451, 0.3379

Tritanomaly

45.6985, 0.3376, 0.3216

Monochromacy



Original Color

45.8995, 0.3461, 0.3379

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.3617, 0.3239, 0.3316

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.8995, 0.3461, 0.3379 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(204, 174, 167)` looks like.

```
.text, #text, p{  
    color:rgb(204, 174, 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(204, 174, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 174, 167) }
```

Border

The CSS property to change the border of an element to Yxy 45.8995, 0.3461, 0.3379 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(204, 174, 167) }
```

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

```
.border{ border-color:rgb(204, 174, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 174, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 174, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 174, 167);  
box-shadow:4px 4px 4px 4px rgb(204, 174,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 45.8995, 0.3461, 0.3379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 174, 167) }
```

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

```
.background{ background-color: rgb(204,  
174, 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](#).

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