

Converting Colors

$Yxy(44.9450, 0.3431, 0.3399)$

Have a look what the booklet for
Yxy(44.9450, 0.3431, 0.3399)
contains.

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Color

Yxy(45.1308, 0.3432, 0.3406)

Conversions

Conversions Part 1

Format	Color
Hex	C7AEA5
RGB	199, 174, 165
RGB Percent	78%, 68%, 65%
CMY	0.2197, 0.3176, 0.3531
CMYK	0.00, 0.13, 0.17, 0.22
HSL	16°, 23%, 71%
HSV	16°, 17%, 78%
XYZ	45.4753, 45.1308, 41.8977
YIQ	180.4490, 17.7890, 2.5010

Conversions

Conversions Part 2

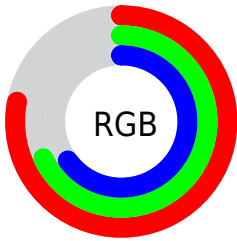
Format	Color
R _Y B	199, 177, 165
Decimal	13086373
CIE Lab	72.98, 7.54, 7.94
CIE LCh	73, 10.950, 46.483
Yxy	45.1308, 0.3432, 0.3406
Android (android.graphics.Color)	4291276453 (0xFFC7AEA5)
YUV	180.4490, -7.6164, 16.2692
Hunter-Lab	67.1795, 3.2667, 10.0483

Details

The Yxy color **45.1308, 0.3432, 0.3406** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.9211, 0.2866, 0.3171**, and the grayscale version is **45.9296, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.4659, 0.3369, 0.3381**, and **21.1311, 0.3526, 0.3447** is the 20% darker color. If you saturate the color by 10%, you get **39.1222, 0.3658, 0.3479**, and if you desaturate by 10%, it is **51.8701, 0.3243, 0.3337**.

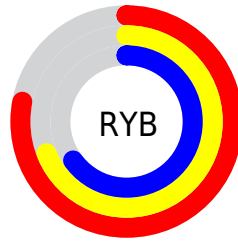
Distribution



Red (78%)

Green (68%)

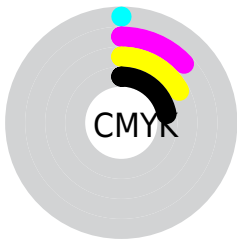
Blue (65%)



Red (78%)

Yellow (69%)

Blue (65%)

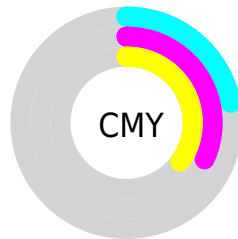


Cyan (0%)

Magenta (13%)

Yellow (17%)

Black (22%)



Cyan (22%)


Magenta (32%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.1308, 0.3432, 0.3406 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 45.1308, 0.3432, 0.3406 by changing the saturation by 10% instead.

 45.1308, 0.3432,
0.3406


 45.1308, 0.3432,
0.3406


367.3030, 0.3278,
0.3349

 31.5605, 0.3471,
0.3420


 82.9167, 0.3376,
0.3386

 21.0260, 0.3522,
0.3437


 107.9010, 0.3354,
0.3378

 13.1430, 0.3589,
0.3459

137.4587, 0.3337,
0.3372

 7.5271, 0.3685,
0.3490

171.9743, 0.3322,
0.3366

 3.7939, 0.3830,
0.3532

211.8322, 0.3308,
0.3361

 1.5589, 0.4075,
0.3596

257.4166, 0.3297,

 0.3297, 0.6014,

0.3357

0.3986

309.1121, 0.3287,
0.3353

0.0000, 0.0000,
0.0000

45.1308, 0.3432,
0.3406

45.1308, 0.3432,
0.3406

39.1222, 0.3658,
0.3479

51.8701, 0.3243,
0.3337

33.8136, 0.3924,
0.3552

59.3576, 0.3084,
0.3272

29.1807, 0.4235,
0.3622

67.6177, 0.2951,
0.3212

25.1956, 0.4586,
0.3679

76.6720, 0.2839,
0.3158

21.8286, 0.4965,
0.3716

85.9164, 0.2794,
0.3205

■ 19.0473, 0.5348,
0.3719

■ 90.8799, 0.2800,
0.3289

■ 16.8158, 0.5699,
0.3681

■ 15.0930, 0.5978,
0.3602

■ 14.6767, 0.6050,
0.3578

Harmonies

Analogous

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



45.1308, 0.3374, 0.3274



45.1308, 0.3432, 0.3406



45.1308, 0.3406, 0.3512

Triad

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



45.1308, 0.3432, 0.3406



45.1308, 0.3003, 0.3438



45.1308, 0.2949, 0.3029

Complementary

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



45.1308, 0.3432, 0.3406



48.9211, 0.2866, 0.3171

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.



45.1308, 0.2855, 0.3064



45.1308, 0.3432, 0.3406



45.1308, 0.2885, 0.3299

Square

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



45.1308, 0.3432, 0.3406



45.1308, 0.3156, 0.3535



45.1308, 0.2832, 0.3162



45.1308, 0.3093, 0.3060

Rectangle

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



45.1308, 0.3432, 0.3406



45.1308, 0.3344, 0.3553



45.1308, 0.2832, 0.3162



45.1308, 0.2911, 0.3033

Sweetspot

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



45.1328, 0.3432, 0.3406



93.3782, 0.3208, 0.3323



42.7789, 0.3220, 0.2972



19.7934, 0.3220, 0.3328



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.



45.1328, 0.3432, 0.3406



74.4489, 0.3522, 0.3436



51.8911, 0.3398, 0.3609



11.0879, 0.3283, 0.3352



9.5635, 0.6026, 0.3597



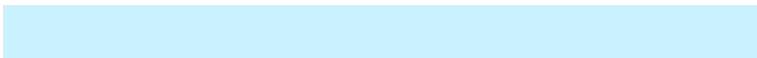
0.5757, 0.5603, 0.3933

Inverse Universe

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



48.9211, 0.2866, 0.3171



82.4713, 0.2803, 0.3139



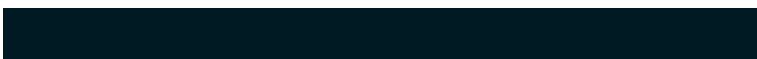
42.1888, 0.2856, 0.2949



11.5720, 0.2984, 0.3227



16.0403, 0.2003, 0.2412



0.8737, 0.2060, 0.2616

Previews

White Background



This preview shows how the Yxy color 45.1308, 0.3432, 0.3406 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 45.1308, 0.3432, 0.3406 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

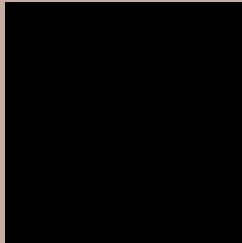
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.1308, 0.3432, 0.3406

Background



This preview shows how black text looks on a background with the Yxy color 45.1308, 0.3432, 0.3406.



This preview shows how white text looks on a background with the Yxy color 45.1308, 0.3432, 0.3406.

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

45.1308, 0.3432, 0.3406

Protanopia

45.3445, 0.3278, 0.3449

Deuteranopia

45.1603, 0.3462, 0.3392



Tritanopia

45.0040, 0.3288, 0.3129

Trichromacy



Original Color

45.1308, 0.3432, 0.3406

Protanomaly

45.1446, 0.3335, 0.3434

Deuteranomaly

45.0213, 0.3453, 0.3392

Tritanomaly

44.9587, 0.3339, 0.3228

Monochromacy



Original Color

45.1308, 0.3432, 0.3406

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.5007, 0.3231, 0.3329

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.1308, 0.3432, 0.3406 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(199, 174, 165)` looks like.

```
.text, #text, p{  
    color:rgb(199, 174, 165)  
}
```

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(199, 174, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 174, 165) }
```

Border

The CSS property to change the border of an element to Yxy 45.1308, 0.3432, 0.3406 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(199, 174, 165) }
```

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

```
.border{ border-color:rgb(199, 174, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 174, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 174, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 174, 165);  
box-shadow:4px 4px 4px 4px rgb(199, 174,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 45.1308, 0.3432, 0.3406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 174, 165) }
```

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

```
.background{ background-color: rgb(199,  
174, 165) }
```

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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