

Converting Colors

$Yxy(45.6925, 0.3430, 0.3405)$

Have a look what the booklet for
Yxy(45.6925, 0.3430, 0.3405)
contains.

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Color

Yxy(45.6925, 0.3430, 0.3405)

Conversions

Conversions Part 1

Format	Color
Hex	C8AFA6
RGB	200, 175, 166
RGB Percent	78%, 69%, 65%
CMY	0.2158, 0.3137, 0.3490
CMYK	0.00, 0.12, 0.17, 0.22
HSL	16°, 24%, 72%
HSV	16°, 17%, 78%
XYZ	46.0280, 45.6925, 42.4719
YIQ	181.4490, 17.7890, 2.5010

Conversions

Conversions Part 2

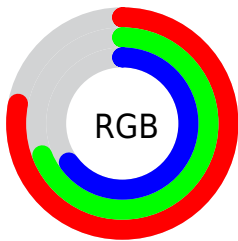
Format	Color
R _Y B	200, 178, 166
Decimal	13152166
CIE Lab	73.35, 7.53, 7.91
CIE LCh	73, 10.925, 46.408
Yxy	45.6925, 0.3430, 0.3405
Android (android.graphics.Color)	4291342246 (0xFFC8AFA6)
YUV	181.4490, -7.6164, 16.2692
Hunter-Lab	67.5962, 3.2518, 10.0644

Details

The Yxy color $45.6925, 0.3430, 0.3405$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $49.5250, 0.2868, 0.3172$, and the grayscale version is $46.4990, 0.3127, 0.3290$.

A 20% lighter version of the original color is $83.6323, 0.3359, 0.3390$, and $21.4918, 0.3523, 0.3446$ is the 20% darker color. If you saturate the color by 10%, you get $39.6036, 0.3655, 0.3478$, and if you desaturate by 10%, it is $52.5222, 0.3241, 0.3336$.

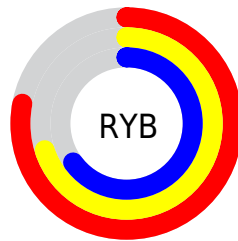
Distribution



Red (78%)

Green (69%)

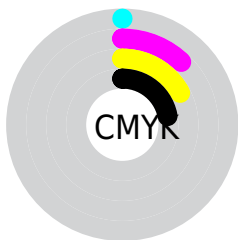
Blue (65%)



Red (78%)

Yellow (70%)

Blue (65%)

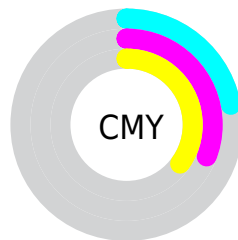


Cyan (0%)

Magenta (12%)

Yellow (17%)

Black (22%)



Cyan (22%)


Magenta (31%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.6925, 0.3430, 0.3405 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 45.6925, 0.3430, 0.3405 by changing the saturation by 10% instead.


 45.6925, 0.3430,
0.3405


 45.6925, 0.3430,
0.3405


369.5710, 0.3277,
0.3349

 32.0032, 0.3469,
0.3418


 83.7586, 0.3374,
0.3385

 21.3640, 0.3518,
0.3435


 108.9042, 0.3353,
0.3377

 13.3903, 0.3585,
0.3458


138.6375, 0.3336,
0.3371

 7.6979, 0.3679,
0.3487

173.3426, 0.3321,
0.3365

 3.9022, 0.3822,
0.3529

213.4042, 0.3308,
0.3361

 1.6190, 0.4061,
0.3592

259.2065, 0.3296,

 0.3704, 0.5913,

0.3356

0.4087

311.1340, 0.3286,
0.3352

0.0000, 0.0000,
0.0000

45.6925, 0.3430,
0.3405

45.6925, 0.3430,
0.3405

39.6036, 0.3655,
0.3478

52.5222, 0.3241,
0.3336

34.2243, 0.3922,
0.3551

60.1103, 0.3082,
0.3271

29.5300, 0.4232,
0.3620

68.4818, 0.2950,
0.3212

25.4926, 0.4583,
0.3678

77.6584, 0.2838,
0.3157

22.0816, 0.4963,
0.3714

86.9325, 0.2800,
0.3221

■ 19.2643, 0.5347,
0.3718

■ 91.0162, 0.2805,
0.3289

■ 17.0045, 0.5698,
0.3680

■ 15.2604, 0.5978,
0.3601

■ 14.8246, 0.6052,
0.3576

Harmonies

Analogous

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



45.6925, 0.3372, 0.3273



45.6925, 0.3430, 0.3405



45.6925, 0.3404, 0.3511

Triad

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



45.6925, 0.3430, 0.3405



45.6925, 0.3004, 0.3437



45.6925, 0.2950, 0.3030

Complementary

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



45.6925, 0.3430, 0.3405



49.5250, 0.2868, 0.3172

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.



45.6925, 0.2856, 0.3066



45.6925, 0.3430, 0.3405



45.6925, 0.2887, 0.3300

Square

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



45.6925, 0.3430, 0.3405



45.6925, 0.3156, 0.3534



45.6925, 0.2834, 0.3163



45.6925, 0.3093, 0.3061

Rectangle

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



45.6925, 0.3430, 0.3405



45.6925, 0.3343, 0.3551



45.6925, 0.2834, 0.3163



45.6925, 0.2912, 0.3035

Sweetspot

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



45.6945, 0.3430, 0.3405



93.3729, 0.3208, 0.3323



43.3335, 0.3219, 0.2974



19.7922, 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.



45.6945, 0.3430, 0.3405



75.5152, 0.3500, 0.3429



52.5027, 0.3396, 0.3607



11.0868, 0.3283, 0.3352



9.5553, 0.6028, 0.3596



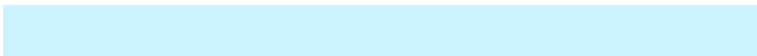
0.5752, 0.5605, 0.3932

Inverse Universe

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



49.5250, 0.2868, 0.3172



83.2510, 0.2818, 0.3147



42.7416, 0.2857, 0.2951



11.5733, 0.2984, 0.3227



16.0671, 0.2004, 0.2414



0.8748, 0.2061, 0.2618

Previews

White Background



This preview shows how the Yxy color 45.6925, 0.3430, 0.3405 looks on a white background.

Color Contrast Check

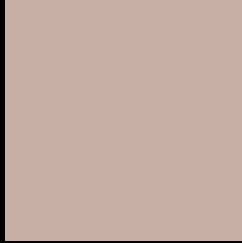
Large Text (above 18pt) WCAG AA × Fail

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 45.6925, 0.3430, 0.3405 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

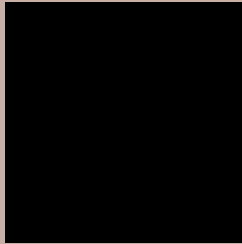
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.6925, 0.3430, 0.3405

Background



This preview shows how black text looks on a background with the Yxy color 45.6925, 0.3430, 0.3405.



This preview shows how white text looks on a background with the Yxy color 45.6925, 0.3430, 0.3405.

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

45.6925, 0.3430, 0.3405

Protanopia

45.9088, 0.3277, 0.3448

Deuteranopia

45.7218, 0.3460, 0.3392



Tritanopia

45.6068, 0.3279, 0.3117

Trichromacy



Original Color

45.6925, 0.3430, 0.3405

Protanomaly

45.7072, 0.3334, 0.3433

Deuteranomaly

45.5818, 0.3451, 0.3392

Tritanomaly

45.5593, 0.3329, 0.3216

Monochromacy



Original Color

45.6925, 0.3430, 0.3405

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

46.0662, 0.3230, 0.3329

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.6925, 0.3430, 0.3405 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(200, 175, 166)` looks like.

```
.text, #text, p{  
    color:rgb(200, 175, 166)  
}
```

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(200, 175, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 175, 166) }
```

Border

The CSS property to change the border of an element to Yxy 45.6925, 0.3430, 0.3405 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(200, 175, 166) }
```

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

```
.border{ border-color:rgb(200, 175, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 175, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 175, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 175, 166);  
box-shadow:4px 4px 4px 4px rgb(200, 175,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 45.6925, 0.3430, 0.3405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 175, 166) }
```

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

```
.background{ background-color: rgb(200,  
175, 166) }
```

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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