

Converting Colors

$Yxy(45.2719, 0.3274, 0.3731)$

Have a look what the booklet for
Yxy(45.2719, 0.3274, 0.3731)
contains.

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Color

Yxy(45.3186, 0.3278, 0.3730)

Conversions

Conversions Part 1

Format	Color
Hex	ACB898
RGB	172, 184, 152
RGB Percent	67%, 72%, 60%
CMY	0.3253, 0.2785, 0.4039
CMYK	0.06, 0.00, 0.17, 0.28
HSL	82°, 18%, 66%
HSV	82°, 17%, 72%
XYZ	39.8269, 45.3186, 36.3521
YIQ	176.7640, 3.1200, -12.4960

Conversions

Conversions Part 2

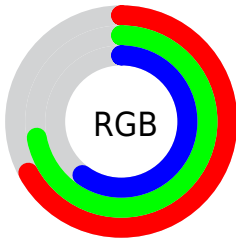
Format	Color
RYB	152, 184, 164
Decimal	11319448
CIELab	73.10, -9.90, 14.88
CIELCh	73, 17.872, 123.652
Yxy	45.3186, 0.3278, 0.3730
Android (android.graphics.Color)	4289509528 (0xFFACB898)
YUV	176.7640, -12.2087, -4.1780
Hunter-Lab	67.3191, -12.2053, 15.1070

Details

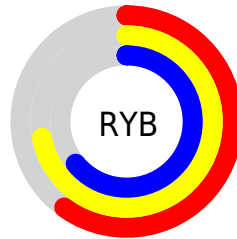
The Yxy color $45.3186, 0.3278, 0.3730$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $33.8036, 0.2956, 0.2841$, and the grayscale version is $43.9038, 0.3127, 0.3290$.

A 20% lighter version of the original color is $83.2704, 0.3257, 0.3650$, and $21.1653, 0.3322, 0.3861$ is the 20% darker color. If you saturate the color by 10%, you get $44.0055, 0.3363, 0.4003$, and if you desaturate by 10%, it is $46.7695, 0.3191, 0.3471$.

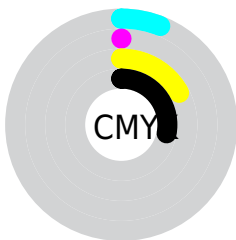
Distribution



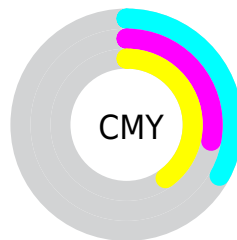
- Red (67%)
- Green (72%)
- Blue (60%)



- Red (60%)
- Yellow (72%)
- Blue (64%)



- Cyan (6%)
- Magenta (0%)
- Yellow (17%)
- Black (28%)





- Cyan (33%)
- Magenta (28%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.3186, 0.3278, 0.3730 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 45.3186, 0.3278, 0.3730 by changing the saturation by 10% instead.


 45.3186, 0.3278,
0.3730

 45.3186, 0.3278,
0.3730


368.0624, 0.3205,
0.3505

 31.7085, 0.3296,
0.3788


 83.1983, 0.3252,
0.3647

 21.1389, 0.3318,
0.3863


 108.2366, 0.3242,
0.3616

 13.2256, 0.3346,
0.3965


137.8532, 0.3233,
0.3590

 7.5841, 0.3383,
0.4110

172.4323, 0.3226,
0.3568

 3.8300, 0.3434,
0.4333

212.3583, 0.3220,
0.3549

 1.5789, 0.3563,
0.4798

258.0158, 0.3214,

 0.3433, 0.1976,

0.3532

0.8024

309.7890, 0.3209,
0.3518

0.0000, 0.0000,
0.0000

45.3186, 0.3278,
0.3730

45.3186, 0.3278,
0.3730

44.0055, 0.3363,
0.4003

46.7695, 0.3191,
0.3471

42.8193, 0.3442,
0.4284

48.3567, 0.3105,
0.3229

41.7567, 0.3511,
0.4563

50.0868, 0.3021,
0.3007

40.8121, 0.3565,
0.4829

51.9637, 0.2942,
0.2804

39.9792, 0.3599,
0.5070

53.9915, 0.2867,
0.2622

■ 39.2511, 0.3610,
0.5273

■ 55.6886, 0.2845,
0.2526

■ 38.6196, 0.3598,
0.5429

■ 56.7406, 0.2895,
0.2537

■ 38.0734, 0.3563,
0.5536

■ 57.8367, 0.2947,
0.2548

■ 37.9397, 0.3553,
0.5561

■ 58.9775, 0.2999,
0.2560

Harmonies

Analogous

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



45.3186, 0.3497, 0.3712



45.3186, 0.3278, 0.3730



45.3186, 0.3025, 0.3616

Triad

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



45.3186, 0.3278, 0.3730



45.3186, 0.2658, 0.2977



45.3186, 0.3453, 0.3171

Complementary

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



45.3186, 0.3278, 0.3730



33.8036, 0.2956, 0.2841

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.



45.3186, 0.3216, 0.2993



45.3186, 0.3278, 0.3730



45.3186, 0.2761, 0.2880

Square

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



45.3186, 0.3278, 0.3730



45.3186, 0.2674, 0.3167



45.3186, 0.2963, 0.2888



45.3186, 0.3603, 0.3382

Rectangle

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



45.3186, 0.3278, 0.3730



45.3186, 0.2871, 0.3482



45.3186, 0.2963, 0.2888



45.3186, 0.3381, 0.3106

Sweetspot

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



45.3206, 0.3278, 0.3730



85.4292, 0.3171, 0.3413



38.9108, 0.3429, 0.3451



18.3747, 0.3177, 0.3430



93.3107, 0.3127, 0.3290



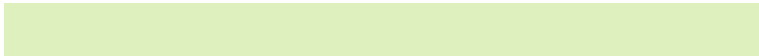
18.7317, 0.3127, 0.3290

Same Dimension

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



45.3206, 0.3278, 0.3730



81.1884, 0.3312, 0.3837



43.6399, 0.3141, 0.3749



10.3312, 0.3208, 0.3520



26.1908, 0.3561, 0.5555



0.9574, 0.3727, 0.5423

Inverse Universe

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



33.8036, 0.2956, 0.2841



56.2601, 0.2911, 0.2729



35.5867, 0.3106, 0.2861



8.8786, 0.3041, 0.3058



3.2885, 0.1816, 0.0774



0.1517, 0.2126, 0.0945

Previews

White Background



This preview shows how the Yxy color 45.3186, 0.3278, 0.3730 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 45.3186, 0.3278, 0.3730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

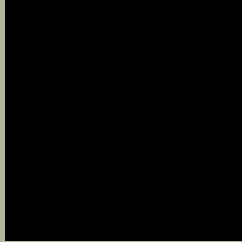
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

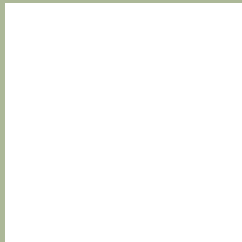
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.3186, 0.3278, 0.3730

Background



This preview shows how black text looks on a background with the Yxy color 45.3186, 0.3278, 0.3730.



This preview shows how white text looks on a background with the Yxy color 45.3186, 0.3278, 0.3730.

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

45.3186, 0.3278, 0.3730

Protanopia

45.2289, 0.3467, 0.3687

Deuteranopia

45.1994, 0.3589, 0.3530



Tritanopia

45.1115, 0.3017, 0.3107

Trichromacy



Original Color

45.3186, 0.3278, 0.3730

Protanomaly

45.3170, 0.3398, 0.3706

Deuteranomaly

45.0816, 0.3475, 0.3604

Tritanomaly

45.0469, 0.3117, 0.3330

Monochromacy



Original Color

45.3186, 0.3278, 0.3730

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

44.5836, 0.3180, 0.3452

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.3186, 0.3278, 0.3730 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(172, 184, 152)` looks like.

```
.text, #text, p{  
    color:rgb(172, 184, 152)  
}
```

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(172, 184, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 184, 152) }
```

Border

The CSS property to change the border of an element to Yxy 45.3186, 0.3278, 0.3730 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(172, 184, 152) }
```

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

```
.border{ border-color:rgb(172, 184, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 184, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 184, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 184, 152);  
box-shadow:4px 4px 4px 4px rgb(172, 184,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 45.3186, 0.3278, 0.3730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 184, 152) }
```

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

```
.background{ background-color: rgb(172,  
184, 152) }
```

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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