

Converting Colors

$Yxy(45.2111, 0.3285, 0.3431)$

Have a look what the booklet for
Yxy(45.2111, 0.3285, 0.3431)
contains.

Yxy(45.1070, 0.3280, 0.3422)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(45.1070, 0.3280, 0.3422)

Conversions

Conversions Part 1

Format	Color
Hex	BAB2A8
RGB	186, 178, 168
RGB Percent	73%, 70%, 66%
CMY	0.2706, 0.3019, 0.3412
CMYK	0.00, 0.04, 0.10, 0.27
HSL	33°, 12%, 69%
HSV	33°, 10%, 73%
XYZ	43.2352, 45.1070, 43.4725
YIQ	179.2520, 7.9780, -1.4140

Conversions

Conversions Part 2

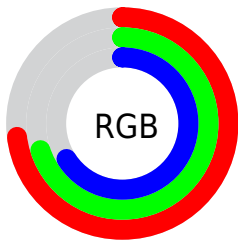
Format	Color
RYB	182, 186, 168
Decimal	12235432
CIELab	72.96, 1.08, 6.11
CIElCh	73, 6.207, 80.005
Yxy	45.1070, 0.3280, 0.3422
Android (android.graphics.Color)	4290425512 (0xFFBAB2A8)
YUV	179.2520, -5.5472, 5.9180
Hunter-Lab	67.1617, -2.6241, 8.6360

Details

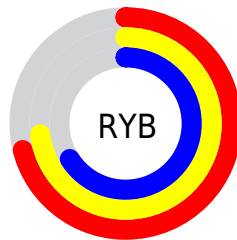
The Yxy color **45.1070, 0.3280, 0.3422** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **42.9109, 0.2979, 0.3154**, and the grayscale version is **45.2476, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.0506, 0.3252, 0.3403**, and **20.9147, 0.3328, 0.3453** is the 20% darker color. If you saturate the color by 10%, you get **41.2799, 0.3458, 0.3566**, and if you desaturate by 10%, it is **49.2346, 0.3122, 0.3286**.

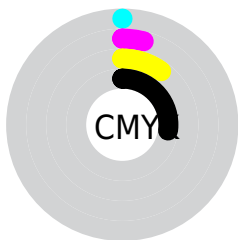
Distribution



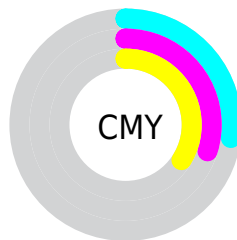
- Red (73%)
- Green (70%)
- Blue (66%)



- Red (71%)
- Yellow (73%)
- Blue (66%)



- Cyan (0%)
- Magenta (4%)
- Yellow (10%)
- Black (27%)





- Cyan (27%)
- Magenta (30%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.1070, 0.3280, 0.3422 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 45.1070, 0.3280, 0.3422 by changing the saturation by 10% instead.


 45.1070, 0.3280,
0.3422


 45.1070, 0.3280,
0.3422


367.2067, 0.3203,
0.3356

 31.5417, 0.3299,
0.3439


 82.8810, 0.3252,
0.3398

 21.0117, 0.3324,
0.3460


 107.8584, 0.3241,
0.3389

 13.1326, 0.3358,
0.3488


137.4087, 0.3233,
0.3381

 7.5199, 0.3405,
0.3528

171.9163, 0.3225,
0.3375

 3.7893, 0.3477,
0.3588

211.7654, 0.3218,
0.3369

 1.5564, 0.3597,
0.3688

257.3406, 0.3213,

 0.3279, 0.5076,

0.3364

0.4924

309.0263, 0.3208,
0.3360

0.0000, 0.0000,
0.0000

45.1070, 0.3280,
0.3422

45.1070, 0.3280,
0.3422

41.2799, 0.3458,
0.3566

49.2346, 0.3122,
0.3286

37.7398, 0.3657,
0.3713

53.6640, 0.2983,
0.3158

34.4806, 0.3876,
0.3860

58.4043, 0.2861,
0.3040

31.4938, 0.4112,
0.4000

63.4621, 0.2754,
0.2931

28.7705, 0.4359,
0.4121

68.4520, 0.2692,
0.2893

■ 26.3007, 0.4608,
0.4214

■ 72.8698, 0.2701,
0.2987

■ 24.0739, 0.4845,
0.4265

■ 77.5039, 0.2710,
0.3079

■ 22.0781, 0.5056,
0.4266

■ 82.3574, 0.2719,
0.3170

■ 20.2936, 0.5237,
0.4221

■ 87.4330, 0.2728,
0.3259

Harmonies

Analogous

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



45.1070, 0.3300, 0.3366



45.1070, 0.3280, 0.3422



45.1070, 0.3219, 0.3443

Triad

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



45.1070, 0.3280, 0.3422



45.1070, 0.2984, 0.3287



45.1070, 0.3119, 0.3162

Complementary

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



45.1070, 0.3280, 0.3422



42.9109, 0.2979, 0.3154

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.



45.1070, 0.3035, 0.3141



45.1070, 0.3280, 0.3422



45.1070, 0.2958, 0.3211

Square

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



45.1070, 0.3280, 0.3422



45.1070, 0.3048, 0.3365



45.1070, 0.2976, 0.3158



45.1070, 0.3206, 0.3217

Rectangle

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



45.1070, 0.3280, 0.3422



45.1070, 0.3163, 0.3434



45.1070, 0.2976, 0.3158



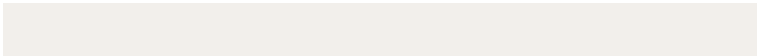
45.1070, 0.3089, 0.3151

Sweetspot

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



45.1090, 0.3280, 0.3422



86.6674, 0.3173, 0.3331



41.5807, 0.3223, 0.3184



18.9511, 0.3186, 0.3342



95.5105, 0.3127, 0.3290



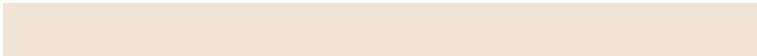
19.5994, 0.3127, 0.3290

Same Dimension

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



45.1090, 0.3280, 0.3422



79.9714, 0.3323, 0.3458



48.2645, 0.3261, 0.3525



9.8187, 0.3274, 0.3417



13.7690, 0.5225, 0.4233



0.6067, 0.4892, 0.4498

Inverse Universe

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



42.9109, 0.2979, 0.3154



75.0311, 0.2940, 0.3116



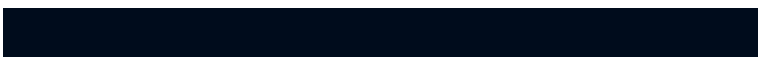
39.9733, 0.2986, 0.3045



9.3575, 0.2985, 0.3159



6.6397, 0.1727, 0.1418



0.3578, 0.1869, 0.1926

Previews

White Background



This preview shows how the Yxy color 45.1070, 0.3280, 0.3422 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 45.1070, 0.3280, 0.3422 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

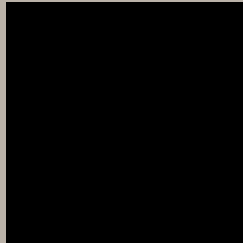
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

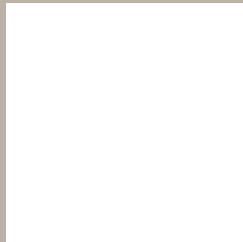
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.1070, 0.3280, 0.3422

Background



This preview shows how black text looks on a background with the Yxy color 45.1070, 0.3280, 0.3422.

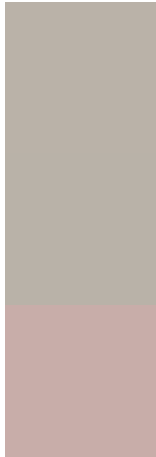


This preview shows how white text looks on a background with the Yxy color 45.1070, 0.3280, 0.3422.

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

45.1070, 0.3280, 0.3422

Protanopia

44.9822, 0.3271, 0.3422

Deuteranopia

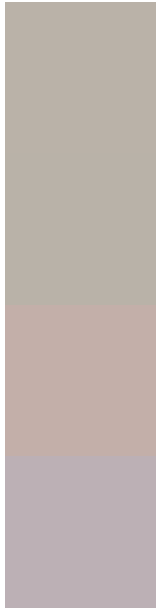
45.0311, 0.3408, 0.3342



Tritanopia

45.1529, 0.3136, 0.3112

Trichromacy



Original Color

45.1070, 0.3280, 0.3422

Protanomaly

44.9822, 0.3271, 0.3422

Deuteranomaly

45.1266, 0.3358, 0.3368

Tritanomaly

45.0782, 0.3192, 0.3226

Monochromacy



Original Color

45.1070, 0.3280, 0.3422

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

45.2804, 0.3186, 0.3343

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.1070, 0.3280, 0.3422 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(186, 178, 168)` looks like.

```
.text, #text, p{  
    color:rgb(186, 178, 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(186, 178, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 178, 168) }
```

Border

The CSS property to change the border of an element to Yxy 45.1070, 0.3280, 0.3422 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(186, 178, 168) }
```

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

```
.border{ border-color:rgb(186, 178, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 178, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 178, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 178, 168);  
box-shadow:4px 4px 4px 4px rgb(186, 178,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 45.1070, 0.3280, 0.3422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 178, 168) }
```

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

```
.background{ background-color: rgb(186,  
178, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor